Oracle **FLEXCUBE** Direct Banking
Day 1 Configurations

Release 12.0.3.0.0

Part No. E52543-01

April 2014

ORACLE®

Day 1 Configurations

April 2014

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1. Preface

1.1. Intended Audience
This document is primarily targeted at
• Oracle FLEXCUBE Direct Banking Development Teams
• Oracle FLEXCUBE Direct Banking Implementation Teams
• Oracle FLEXCUBE Direct Banking Implementation Partners

1.2. Documentation Accessibility
For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.3. Access to OFSS Support

https://support.us.oracle.com

1.4. Structure

This document, termed Oracle FLEXCUBE Direct Banking Day 1 Configurations, is a single reference for the product information which can be managed, configured, extended by external parties, to implement, customize the product.

This is a Guide to explain details of all parameters which need to be updated as part of Day 1 activity and how these could be extended, customized as appropriate to meet the requirements of the implementation.

This document explains the configurations and provides insight into the parameters for external parties and functionality of the application

1.5. Related Information Sources
For more information on Oracle FLEXCUBE Direct Banking Release 12.0.3.0.0, refer to the following documents:

• Oracle FLEXCUBE Direct Banking Licensing Guide

2. Abbreviations

FCDB / FC DB / FC Direct Banking / Direct Banking	Oracle FLEXCUBE Direct Banking
DBA	Database Administrator
URL	Uniform Resource Locator
JNDI	Java Naming and Directory Interface
DB	Database
IP	Internet Protocol
FCAT BASE DIR	FCDB Base Working Directory
TD	Term Deposit
SMPT	Simple Mail Transfer Protocol
JMS	JAVA Message Service
ATG	Art Technology Group
RTD	Oracle Real-Time Decision

3.Configuration OF PARAMETERS

Post installation and Day zero configurations, Day One configuration needs to be completed. These include updating properties table and master tables.

3.1 Core Banking Configuration

The following Day One Configuration exercise should be carried out:

Day one configuration parameters residing in table `MSTPROPERTIES` should be updated. This is a config table in FCDB ADMIN database user's schema.

Oracle FLEXCUBE Direct banking provides two ways to configure these properties. The first approach is to use the Manage Properties transaction available to Admin Users. The second would be directly by the DBA.

The properties on priority which need to be configured are:

Name of the Property	Value
Generic Properties	
<ID_ENTITY>.HOME_BRANCH	This property identifies the home branch of the host system. The value should be a valid branch code from the host system
FCAT.<ID_ENTITY>.TIMEZONE	This property is to configure time zone for the entity
<ID_ENTITY>.HOST.NAME	This property identifies which host is to be looked up for each specific entity. This is a mandatory property at an entity level. Possible values for this property are FCDB, LOCAL, UB11X and RTD
<ID_ENTITY>.<USERTYPE>.HOST.NAME	This property identifies which host is to be looked up for a specific entity and user type combination. If this property is not found, the property name <ID_ENTITY>.HOST.NAME is looked up. Possible values for this property are FCDB, LOCAL, UB11X and RTD
<ID_ENTITY>.<USERTYPE>.IDTXN.HOST.NAME	This property identifies which host is to be looked up for a specific transaction, entity and user type combination. If this property is not found, the property name <ID_ENTITY>.<USERTYPE>.HOST.NAME is looked up. Possible values for this property are FCDB, LOCAL, UB11X and RTD
<ID_ENTITY>.<USERTYPE>.IDREQUEST.HOST.NAME	This property identifies which host is to be looked up for a specific host interface request id, entity and usertype combination. If this property is not found, the property name <ID_ENTITY>.<USERTYPE>.IDTXN.HOST.NAME is looked up. Possible values for this property are FCDB, LOCAL, UB11X and RTD
Communication Properties	
FCAT.SEND.PROVIDER.URL	This property identifies the URL for JNDI lookup. This property contains the URL as t3://<host>:<port>/
FCAT.SEND.PORT.NBR	This property identifies the JMS server port value.
FCAT.SEND.QUEUE.LOOKUP.NAME	This property identifies the Queue lookup name
FCAT.SEND.FACTORY.LOOKUP.NAME	This property should have the value of Queue connection factory lookup name
FCAT.SEND.SERVER.NAME	This property contains JMS server's IP address or host name
FCAT.SEND.SECURITY.PRINCIPAL	This property contains the Login principal required to connect to the JMS server

FCAT.SEND.SECURITY.CREDENTIALS	This property contains the Login credential required to connect to the JMS server
FCAT.SEND.R.FACTORY.LOOKUP.NAME	This property should have the JNDI name of Queue connection factory for the retry queue. This would be used in case of retry mechanism.
FCAT.SEND.R.QUEUE.LOOKUP.NAME	This property identifies the Queue lookup name for the retry queue
FCAT.SEND.TM0.FACTORY.LOOKUP.NAME	This property contains the value of Queue connection factory lookup name. This would be used in case of time out mechanism.
FCAT.SEND. TM0.QUEUE.LOOKUP.NAME	This property identifies the Queue lookup name. This would be used in case of time out mechanism
Database Properties: These properties need to be configured in fcat.properties. This file resides in <FCAT BASE DIR>/system/home.	
FCON.B1A1.LDB.URL	This property contains the URL of the database to which the application will be connecting in the format jdbc:oracle:thin:<DB App UserId>/<DB App User Password>@<DB Server IP or Machine Name>:<Listener Port>:<DB Service Name> For Example: jdbc:oracle:thin:fcdbapp_sit/fcdbapp_sit@10.180.81.219:1540:FCAT
FCON. B1AP.LDB.URL	This property contains the URL of the database to which the application will be connecting in the format jdbc:oracle:thin:<DB App UserId>/<DB App User Password>@<DB Server IP or Machine Name>:<Listener Port>:<DB Service Name> For Example: jdbc:oracle:thin:fcdbapp_sit/fcdbapp_sit@10.180.81.219:1540:FCAT
Mailbox Properties	
<ID_ENTITY>.MAILBOX.SEND.HOST	This property identifies the host id to be looked up for a specific host interface request id.
<ID_ENTITY>.MAILBOX.MSGLIST.HOST	This property identifies the host id to be looked up for a specific host interface request id.
<ID_ENTITY>.MAILBOX.VIEW.HOST	This property identifies the host id to be looked up for a specific host interface request id.
<ID_ENTITY>.MSG_EXPY_MONTH	This property identifies expiry period for interactions
<ID_ENTITY>.NOTIFICATIONS_MAX_DAYS	This property identifies the last 'n' days during which, any interactions/alerts/bulletins/tasks received, should be displayed
<ID_ENTITY>.IMS.FILEUPLOAD.CONTENTTYPE.PATTERN	The content types supported for file upload in mail attachments.
<ID_ENTITY>.IMS.FILEUPLOAD.COUNT.MAX	The maximum number of supported file attachments in a mail message.
<ID_ENTITY>.IMS.FILEUPLOAD.CUMUMAX	The maximum cumulative file size (total size of all attached files) of supported file attachments in a mail message.
<ID_ENTITY>.IMS.FILEUPLOAD.SIZE.MAX	The maximum individual file size supported as mail message attachments.
<ID_ENTITY>.FILEUPLOAD.SCAN.VALIDATOR	This is to specify validation class name for Malicious content in file

<ID_ENTITY>.FILEUPLOAD.SCAN.REQUIRED	This is to specify validation required to check malicious content in the file to be uploaded.

Live Help Properties

<ID_ENTITY>.<USERTYPE>.LIVE_HELP.LEVEL	This property identifies the level at which the Live Help is to be made available. Possible values for this property are: G: Global. Live Help to be made available to all transactions. T: Transaction Priority. Live Help to be made available to specific transactions as configured in livehelpconfig. If the current transaction is not configured for Live Help, check error level maintenance in livehelperrorconfig. E: Error Level. Live Help to be made available only to specific error codes as maintained in livehelperrorconfig
<ID_ENTITY>.LIVE_HELP.ACCOUNTID	This property identifies the Live Help account ID as provided by Oracle ATG's Live Help On Demand service

Alert Properties

ALERTNOTIFIER.MODE	This property configures send the mail through the MDB or Single
ALERTNOTIFY_EMAIL.PORT	This property identifies the port number of the bank's SMPT server from which e-mail alert notifications would be dispatched
ALERTNOTIFY_EMAIL.SERVER	This property identifies the server IP of the bank's SMPT server from which e-mail alert notifications would be dispatched
<ID_ENTITY>.FROM.EMAIL.ADDRESS	This property identifies sender email Id when host alerts are sent
ALERTNOTIFY_EMAIL.FROM	

Bulk Properties

FROM.EMAILID	This property identifies E-mail address of sender
FCAT.BULK.SEND.CHANNEL.NAME	This property identifies Context factory for JNDI lookup
FCAT.BULK.SEND.CONTEXT.FACTORY	This property identifies the lookup name of the queue connection factory to be used on a JMS based queue
FCAT.BULK.SEND.IDENTITY.PROVIDER	This property identifies the identity provider class to be used with a particular instance of the queue
FCAT.BULK.SEND.FACTORY.LOOKUP.NAME	This property identifies the lookup name of the queue connection factory to be used on a JMS based queue
FCAT.BULK.SEND.PORT.NBR	This property identifies the Port number for lookup
FCAT.BULK.SEND.PROVIDER.URL	This property identifies the Provider URL for lookup
FCAT.BULK.SEND.QMANAGER.NAME	This property identifies the name of the Queue manager to be contacted
FCAT.BULK.SEND.QUEUE.LOOKUP.NAME	This property identifies the lookup name of queue to be used on a JMS based queue
FCAT.BULK.SEND.QUEUE.NAME	This property identifies the name of the queue to be accessed
FCAT.BULK.SEND.SECURITY.CREDENTIALS	This property identifies the Credential information needed during lookup
FCAT.BULK.SEND.SECURITY.PRINCIPAL	This property identifies the Principal information needed during lookup
FCAT.BULK.SEND.SERVER.NAME	This property identifies the name of the Queue server that holds queue to be accessed
FCAT.BULK.SEND.TIME.OUT	This property identifies the timeout period for which to wait for a response

FCAT.BULK.SEND.WAIT.INTERVAL	This property identifies the time to wait for a message on the queue before returning
BULK.DUPLICATE.MONTHS.CHECK	This property is used to configure the number of months for which the duplicate check is to be applied
Spending Analysis Properties	
<ID_ENTITY>.<USERTYPE>.SPA.CATEGORY_UPDATE_FLAG	This property is used to allow the user to modify category of transaction's
<ID_ENTITY>.<USERTYPE>.SPA.DEFAULT_GRAPH	This property is used to allow the user to see the default graph on landing transaction screen.
<ID_ENTITY>.<USERTYPE>.SPA.DEFAULT_PERIOD	This property is used to configure the transaction's default search period.
<ID_ENTITY>.<USERTYPE>.SPA.DEFAULT_PERIOD_WIDGET	This property is used to configure the widget search period.

Product Map Configuration

Oracle FLEXCUBE Direct Banking interfaces with the host banking system for sending various financial transactions for execution. The financial transactions can be sent to host banking system in various formats such as the XML requests. The host banking system needs certain parameters in the request which identifies the kind of processing that should happen on the request.

The Core Banking maintains different products for different facilities offered to the Customer. Each product is identified by a unique product code. When Oracle FLEXCUBE Direct Banking sends any request to the host, it needs to send the product code as part of the request.

The implementer needs to configure these product codes for various financial transactions. The 'Product Map' functionality of Oracle FLEXCUBE Direct Banking allows the implementer to configure these product codes. This configuration is done at the database level in the MSTPRODUCTMAP table.

The PRODCODE column of the MSTPRODUCTMAP table indicates the value of product code. This value will be picked up by the host interface layer of Oracle FLEXCUBE Direct Banking while sending the transaction to host.

The TXNTYPE indicates the type of transaction for which product code is to be configured.
On the basis of the TXNTYPE column of the MSTPRODUCTMAP table, the product code is configured.
The Tag field indicates the type of value being configured.
The following need to be configured in MSTPRODUCTMAP table:

Txntype	Tag Name	Description	Default Value
Generic			
**	BRANCHCODE	This is the Core Banking system head branch code	004
**	CUSTBKCODE	This is Customer bank code for a branch.	APAC1111
**	FCDBNAME	This is sent as source to core banking system for end to end communication	FCAT
**	USERID	This is the User Id sent to Core Banking system for end to end communication	FCATOP
Own Account Transfer			
OAT_SI	PROD	This is the product code for Own Account Transfer Standing Instruction.	SIU1
OAT	PROD	This is the product code for Own Account Transfer.	FTIN
Internal Account Transfer			
ITG_SI	PROD	This is the product code for Internal Account Transfer Standing Instruction.	SIU1
ITG	PROD	This is the product code for Internal Account Transfer.	FTIN
Multiple Internal Transfer			

MIT_SI	PROD	This is the product code for Multiple Internal Transfer Standing Instruction.	SIU1
MIT	PROD	This is the product code for Multiple Internal Transfer.	FTIN
Domestic Funds Transfer			
DTF	PRDCAT	This is the product category for Domestic Funds Transfer.	OUPA
DTF	PRDCOD	This is the product code Domestic Funds Transfer.	OPEX
DTF_SI	PRDCAT	This is the product category for Domestic Funds Transfer Standing Instruction.	OUPA
Mortgage Calculator: The following needs to be configured in MSTPROPERTIES table			
<ID_ENTITY>.<USERTYPE>.DEFAULT_PRODUCT_CODE_MTG			MOCP
Open New Account			
OAN	ACSTATNOCR	This product code is sent when a user requests for opening additional account	N
OAN	ACSTATNODR	This product code is sent when a user requests for opening additional account	N
OAN	ATM	This product code is sent when a user requests for opening additional account	N
OAN	AUTOPROVREQ	This product code is sent when a user requests for opening additional account	N
OAN	POOLCD	This product code is sent when a user requests for opening additional account	POOL1
Open Term Deposit			
ATO	TDA1.EUR	This is the product code for the product and charges to be applied for the selected product.	PTD1
ATO	TDA1.GBP	This is the product code for the product and charges to be applied for the selected product.	PTD1
ATO	TDA1.INR	This is the product code for the product and charges to be applied for the selected product.	PTD1
ATO	TDA1.USD	This is the product code for the product and charges to be applied for the selected product.	PTD1
ATO	ISLTD.AED	This is the product code for the product and charges to be applied for the selected product.	PDDP
ATO	ISLTD.EUR	This is the product code for the product and charges to be applied for the selected product.	PDDP
ATO	ISLTD.GBP	This is the product code for the	PDDP

		product and charges to be applied for the selected product.	
ATO	ISLTD.USD	This is the product code for the product and charges to be applied for the selected product.	PDDP
ATO	MMPAYOPT	This is the product code for payout option.	S
ATO	MMPERCENTAGE	This is the percentage to be applied for the TD pay in open TD.	100
ATO	PAYOUTTYPE	This is the product code for payout type under TD pay in details.	S
ATO	PRODMAPSTAT	This is the product code sent to Host when a user requests for opening a Term Deposit	Y
ATO	WAIVEPROD	This is the product code sent to Host when a user requests for opening a Term Deposit	N
ATO	PAYOUTTYPE	This is the product code for payout type under TD pay in details in open TD.	S
**	POOLCD	This is the product code sent to Host when a user requests for opening a Term Deposit	POOL1
Redeem Term Deposit			
RTD	ACTION_FLAG	This is the product code sent to Host when a user requests for opening a Term Deposit	R
RTD	PAYOUTTYPE	This is the payout type for TD redemption.	S
RTD	PERCENTAGE	This is the percentage to be applied for TD redemption.	100
RTD	REDEM_BY	This is the product code for redemption type.	S
Amend Term Deposit			
TPI	PAYOUTTYPE	This is the payout type for amend term deposit.	S
TPI	PERCENTAGE	This is the percentage for TD payout details in amend term deposit.	100
New Customer Account Opening			
**	ACCLS	This is the Account class for Virtual Banking	SAVINV
**	CCY	This is the Currency for Virtual Banking	GBP
**	COUNTRY	This is the Country of user for Virtual Banking	GB
**	LANG	This is Language of user for Virtual Banking	ENG
**	CUSTBKCODE	This is the customer bank code for a branch.	APAC1111
VB	NETWRK	This is the product code of Network	CHAPS

		for payments in Virtual Banking.	
VB	CUSBNKCOD	This is the customer bank code for a branch in Virtual Banking.	APAC2222
MMO	PRDCAT	This is the product category for the Move Money Out in Virtual Banking.	OUPA
MMO	PRDCOD	This is the product code for the Move Money Out in Virtual banking.	OPEX
MMI	PRDCAT	This is the product category for the Move Money In for Virtual Banking.	OUCL
MMI	PRDCOD	This is the product category for the Move Money In for Virtual Banking.	OCPD
MMS	PRDCAT	This is the product category for Savings Plan in Virtual Banking.	OUCL
MMS	PRDCOD	This is the product code for Savings Plan in Virtual Banking.	OCPD
MMS	TXNCCY	This is the product code for Transaction currency for Savings Plan in Virtual Banking	USD
Mailbox :			
IMS	ACC.*	Accounts Department	ACC
IMS	BNC.*	Bills and Collection Department	BNC
IMS	CLR.*	Clearing Department	CLR
IMS	CRM.*	CRM Department	CRM
IMS	CSUB1	Accounts Department	ACC
IMS	CSUB2	Accounts Department	ACC
IMS	CSUB3	Clearing Department	CLR
IMS	CUSTOM	Helpdesk	HLP
IMS	DEP.*	Deposits Department	DEP
IMS	HLP.*	Helpdesk	HLP
IMS	LON.*	Loans Department	LON
IMS	LSUB1	Loans Department	LON
IMS	LSUB2	Loans Department	LON
IMS	OSUB1	Accounts Department	ACC
IMS	OSUB103	CRM Department	CRM
IMS	OSUB104	Bills and Collection Department	BNC
IMS	OSUB105	CRM Department	CRM
IMS	OSUB2	Helpdesk	HLP
IMS	SUB1	CRM Department	CRM
IMS	SUB2	CRM Department	CRM
IMS	TSUB4	Deposits Department	DEP
IMS	DOC_CATEGORY	The document category to be defaulted for all mail message attachments sent from FCDB to FCUBS.	ADDRESSPROOF
IMS	DOC_TYPE	The document type to be defaulted for all mail message attachments sent from FCDB to FCUBS.	BANK STATEMENT
IMS	RECV_DOC_CAT	The document category of the attachments to be displayed to the	FINANCIAL

		end user.	
The Department IDs is used to denote the relevant department for the interaction. Department id is mapped with subject id at FCDB as well as Core Banking end. User selects subject id to compose a mail. Based on subject id, Department id is sent to host as one of the request parameters.			

3.2 User Maintenance Configuration

Starting from version 12.0.1, channel users can be grouped together to form a group such that the credentials for all channels under the group do not change. Such group of channels would always be locked/unlocked together.

Out of the box, all channels excluding SMS Banking (41), are grouped together. The following configurations are required to be modified to achieve the desired grouping.

Table Name: MSTENTITYUSERCHANNELGRP	
Description: This table stores the master information of all groups available for Entity-User Type combination. This table also defines the user id, login, transaction, and activation code policies	
IDENTITY	The entity ID for which the group maintenance has been done.
TYPEUSER	The User Type for which the group maintenance has been done.
IDGROUP	The identifier used to identify the group within the specified Entity-User Type group. This value must be unique within a Entity-User Type. The reference values for the groups are as below: 1. ALL – All channels including Internet (01), Mobile Application (43) and Mobile Browser (42) 2. SMS – SMS banking (41) channel alone. 3. APP – Mobile application banking (43) channel alone. 4. INT – Internet banking (01) channel alone. 5. MBROW – Mobile browser banking (42) channel alone. 6. MOB – Mobile browser banking (42) and mobile application banking (43) channels 7. ABROW – All browser based channels (Internet (01) and Mobile Browser (42)) Note: SMS banking channel must always be maintained as a separate group as the credentials need to be different from the other banking channels.
POLICYIDPASSWORD	The identified denoting the password policy to be applied for the group.
POLICYIDTRANSACTION	The identified denoting the transaction password (PIN) policy to be applied for the group.
POLICYIDUSER	The identified denoting the user id policy to be applied for the group.
POLICYCODEACTIVATION	The identified denoting the activation code policy to be applied for the group.

Table Name: MSTENTITYUSERCHANNEL	
Description: This table stores the master information about channels. This table remains unchanged from the previous versions, except for the fact that the fields POLICYIDPASSWORD, POLICYIDTRANSACTION, POLICYIDUSER and POLICYCODETRANSACTION are no longer used from this table. The values in MSTENTITYUSERCHANNELGRP for the mentioned columns would be referred instead. The table has been modified to allow grouping of channels.	
IDGROUP	The group ID as defined in MSTENTITYUSERCHANNELGRP for the Entity-User Type configuration. The group ID is to be assigned to channels that need to be grouped together.

ⓘ   If a migration is being undertaken from 12.0.0 or if the channel grouping is being changed on an existing setup, the below script must be manually executed post the above changes.

```
update mstchanneluser a
   set groupflag = 'N',
       idgroup   = (select idgroup
                      from mstentityuserchannel b, mstuser c
                     where b.id_entity = c.id_entity
                       and b.typeuser = c.typeuser
                       and b.idchannel = a.idchannel
                       and a.iduser = c.iduser
                       and a.id_entity = c.id_entity);
```

💣 All entries in MSTENTITYUSERCHANNEL must have a valid IDGROUP associated with it. If groups are not available for any given entity-user type combination, the administrator would not be able to create users for that combination.

3.3 Language Configuration

Oracle FLEXCUBE Direct Banking, the multi channel solution, for direct customer touch points like Internet and Mobile devices have introduced translation in different languages so that it is available for implementation with minimal changes. Oracle FLEXCUBE Direct Banking supports integration of multiple languages in the product with data input and validation on the business requirement. The following configurations are required to be modified to achieve the desired language configuration.

Table Name: MSTLANG	
Description: This table stores the master information of all available languages available in Oracle FLEXCUBE Direct banking.	
IDLANG	Language identifier for which the language maintenance has been done.
DESCRIPTION	Language description
RESPONSEENCODING	Response encoding
XSLENCODING	XSL encoding
ISO_LANG	ISO language identifier
ISO_COUNTRY	ISO country code for that language
SUPPORTED_RANGE	UNICODE range or Regular expression of character that are supported in that language
BLOCKED_RANGE	UNICODE range or Regular expression of character that are blocked in that language
DEFAULT_DATE_FORMAT	Default date format for that language
DECIMAL_SEPRATOR	Decimal separator for that language
TIME_STAMP_FORMAT	Default time stamp format for that language

Table Name: TXN_DATA_LANG_MAP	
Description: This table stores the over ridden pattern based on the language.	
TEMPLATE_ID	This field holds the identifier for which default pattern is over ride. Since Oracle FLEXCUBE Direct Banking supports two level of over ride the value of this field is vary on basis of this. • If field level configuration is applicable this field holds the request id. • If DATA DICTIONARY level configuration is applicable field we give the data dictionary type which is going to over ride.
IDLANG	In this filed we give language identifier for which this data type is going to override.
FIELDFORMAT	In this field we specified language specific pattern.
NAMFIELD	This field is not necessary to override data dictionary type. So it will remain null. But if field level configuration is done this field contains reference field name of corresponding TXN_DATA element.

3.4 Third Party Configuration

3.4.1 Static Data Upload

Oracle FLEXCUBE Direct Banking being a channel banking application needs to access and display core banking data such as list of currencies, list of branches, list of SWIFT bank codes, etc. For this Static Data Upload needs to be done for the below mentioned tables. Static Data here implies data which doesn't change frequently for example country codes, national clearing codes, branch codes etc.

The tables which have been categorised as static data are:

Table Name	Purpose
fcat_t_mstbranch	This table stores the list of branches maintained in the Core Banking Host System.
fcat_t_mstcountry	This table stores the country codes and description maintained in the Core Banking Host System.
fcat_t_natl_codes	This table stores the national clearing codes related information about the beneficiary bank
sw_natl_dir	This table stores national codes for identifying the branch in any bank in the country.
sw_bankcode	This table stores swift codes for identifying financial institutions to which instructions can be sent by the third party host.
usercustadrel	This table stores the advertisement related information of users and customer ids stored in the Core Banking Host System
adcontent	This table stores the advertisement Content information maintain in the Core Banking Host System

Static Data Upload Utility is designed to upload static data provided by the host into Oracle FLEXCUBE Direct Banking which assists in uploading updated data into the above enlisted database tables.

Kindly refer "Oracle_FLEXCUBE_Direct_Banking_Static_Data_Upload_Utility" for details on the Static Data Upload Utility.

3.4.2 STATIC DATA WITH DATA PUSHED FROM HOST ON UPDATE

Oracle FLEXCUBE Direct Banking also requires data such as business processing dates (previous working date, current working date and next working date), foreign exchange rates, and host end-of-day processing status. Such data is static throughout the day. However, whenever the data gets updated in the host system it must be reflected in Oracle FLEXCUBE Direct Banking as it has financial importance. Hence, such data is categorized as static with updates pushed from the host system.

Supported Push Data messages:

- **End of Day:** Most Host Systems need "End of Day" process to be executed at the end of each working day for consolidation of account entries. The host systems do not accept transactional input during such period. Oracle FLEXCUBE Direct Banking can be made aware of such periods so that it does not send transactional data for processing to the host system during that period. The incoming message should have a specific format coming from the host.

- **Date Management**: The business dates in the host usually change along with the End of Day processing for the branch. These dates need to be updated back to Oracle FLEXCUBE Direct Banking so that the business dates are in sync between the External Host System and Oracle FLEXCUBE Direct Banking. The configurations required for enabling Date Management Push Service is the same as End of Day Push Service.

- **Foreign Exchange Rates**: Oracle FLEXCUBE Direct Banking refers the mid-rates for computation wherever required in the application. These Foreign Exchange Rates are not updated very often. However, the updates in the foreign exchange rates are of higher importance to be updated in Oracle FLEXCUBE Direct Banking whenever the rates in the core banking system have been updated. This mandates for a push mechanism to be used to update the rates into Oracle FLEXCUBE Direct Banking.

Kindly refer "Oracle_FLEXCUBE_Direct_Banking_External_Host_Integration" for details on the Static Data with Data Pushed from Host Utility.

3.4.3 DATABASE CONFIGURATION

Day one configuration parameters residing in table `MSTPROPERTIES` should be updated. This is a config table in FCDB ADMIN database user's schema.

Oracle FLEXCUBE Direct banking provides two ways to configure these properties. The first approach is to use the Manage Properties transaction available to Admin Users. The second would be directly by the DBA.
The properties on priority which need to be configured are:

Name of the Property	Value
Communication Properties	
FCDB_TPT.SEND.FACTORY.LOOKUP.NAME	This property should have the value of Queue connection factory lookup name
FCDB_TPT.SEND.QUEUE.LOOKUP.NAME	This property identifies the Queue lookup name