

Data Model - Gateway
FCUBS_12.0.3.0.0_SUPPORT_APRIL23_2014
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1. INTRODUCTION

This document contains the data dictionary information of GATEWAY in FCUBS_12.0.3.0.0_SUPPORT_APRIL23_2014. For each table that belongs to the module, GW, it provides the following information

- Table Description
- Primary Key and Foreign Keys
- Column details that contain column name, data type and descriptions.

2. Gateway

2.1. GWTB_CONTRACT_OVD

Description -

This table is used to store all the override information for contacts in FLEXCUBE

Primary Key and Foreign Keys -

Primary Key	SYS_MSG_ID,RUNNING_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
SYS_MSG_ID	VARCHAR2(16)	Indicates the unique message id given for each request in FLEX CUBE
RUNNING_NO	NUMBER	Indicates the nth the request has reached FLEXCUBE.
ERROR_CODE	VARCHAR2(11)	Contains all the errorcodes for the particular request at this stage
ERROR_PARAM	VARCHAR2(255)	Contains all the error parameters for the particular request at this stage

2.2. GWTB_DEDUPE

Description -

This table is used to identify duplicate requests coming from external systems to FLEXCUBE

Primary Key and Foreign Keys -

Primary Key	MSG_REF_NO
Foreign Key	FK1_GWTB_DEDUPE (EXT_SYSTEM) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MSG_REF_NO	VARCHAR2(16)	Indicates the unique message id given for each request in FLEX CUBE
EXT_SYSTEM	VARCHAR2(15)	Indicates the external system where the request has been sent to flexcube
MSG_ID_SRC	VARCHAR2(255)	Indicates the source from which MSG_REF_NO is generated
MSG_ID_COMPL	VARCHAR2(255)	Same as MSG_REF_NO
MSG_STATUS	VARCHAR2(10)	This indicates the status of the message (S-Success,F-Failure,W-WIP)

2.3. GWTB_DEFERRED_CONTRACTS

Description -

This table is used to store the requests which are reaching FLEXCUBE when the Branch is not available for Transaction Input

Primary Key and Foreign Keys -

Primary Key	KEY
Foreign Key	FK1_GWTB_DEFERRED_CONTRACTS (SERVICE_NAME,OPERATION_CODE) REFERS GW TM_OPERATIONS_MASTER(SERVICE_NAME,OPERATION_CODE) FK2_GWTB_DEFERRED_CONTRACTS (CONTRACT_REF_NO) REFERS CSTB_CONTRACT (CONTRACT_REF_NO) FK3_GWTB_DEFERRED_CONTRACTS (SOURCE_CODE) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
KEY	VARCHAR2(40)	This field contains the unique reference number for each request.

EXTERNAL_REF_NO	VARCHAR2(16)	The reference number of the contract at the external system
CONTRACT_REF_NO	VARCHAR2(16)	The contracts reference number in FLEXCUBE
SERVICE_NAME	VARCHAR2(50)	The FLEXCUBE service name which is getting invoked
OPERATION_CODE	VARCHAR2(30)	The Operation in FLEXCUBE which is getting invoked
SOURCE_CODE	VARCHAR2(20)	The source from which the request is sent
BRANCH_CODE	VARCHAR2(3)	The branch in FLEXCUBE where the operation is getting performed
SEQ_NO	NUMBER	Unique sequence number
IN_MSG_STR	VARCHAR2(4000)	The incoming message if the request is a string
IN_MSG_CLOB	CLOB	The incoming message if the request is a clob
USER_ID	VARCHAR2(12)	The user who is sending the request
STATUS	VARCHAR2(1)	Indicates the status of the message
ERROR_CODE	VARCHAR2(11)	Contains error code
ERROR_MESSAGE	VARCHAR2(255)	Contains error parameters

2.4. GWTB_DEFERRED_CONT_HISTORY

Description -

This table is the history table of GWTB_DEFERRED_CONTRACTS

Primary Key and Foreign Keys -

Primary Key	KEY
Foreign Key	FK1_GWTB_DEFERRED_CONT_HISTORY (SOURCE_CODE) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM) FK2_GWTB_DEFERRED_CONT_HISTORY (CONTRACT_REF_NO) REFERS CSTB_CONTRACT(CONTRACT_REF_NO) FK3_GWTB_DEFERRED_CONT_HISTORY (SERVICE_NAME,OPERATION_CODE) REFERS GWTM_OPERATIONS_MASTER(SERVICE_NAME,OPERATION_CODE)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXTERNAL_REF_NO	VARCHAR2(16)	The reference number of the contract at the external system
KEY	VARCHAR2(40)	This field contains the unique reference number for each request.
CONTRACT_REF_NO	VARCHAR2(16)	The contracts reference number in FLEXCUBE
SERVICE_NAME	VARCHAR2(50)	The FLEXCUBE service name which is getting invoked
OPERATION_CODE	VARCHAR2(30)	The Operation in FLEXCUBE which is getting invoked
SOURCE_CODE	VARCHAR2(20)	The source from which the request is sent
BRANCH_CODE	VARCHAR2(3)	The branch in FLEXCUBE where the operation is getting performed
SEQ_NO	NUMBER	Unique sequence number
IN_MSG_STR	VARCHAR2(4000)	The incoming message if the request is a string
IN_MSG_CLOB	CLOB	The incoming message if the request is a clob
USER_ID	VARCHAR2(10)	The user who is sending the request
STATUS	VARCHAR2(1)	Indicates the status of the message
ERROR_CODE	VARCHAR2(11)	Contains error code
ERROR_MESSAGE	VARCHAR2(55)	Contains error parameters

2.5. GWTB_HOST_LOG

Description -

This table contains all the requests which are getting replayed as part of Planned Outage Support Server

Primary Key and Foreign Keys -

Primary Key	SEQUENCENUMBER
Foreign Key	FK1_GWTB_HOST_LOG (BRANCH) REFERS STTM_BRANCH(BRANCH_CODE) FK2_GWTB_HOST_LOG (SERVICE,OPERATION) REFERS GWTM_OPERATIONS_MASTER(SERVICE_NAME,OPERATION_CODE) FK3_GWTB_HOST_LOG (SOURCE) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
SEQUENCENUMBER	VARCHAR2(16)	This field contains the unique reference number for each request.
SOURCE	VARCHAR2(30)	The source from which the request is sent
SERVICE	VARCHAR2(30)	The FLEXCUBE service name which is getting invoked
OPERATION	VARCHAR2(30)	The Operation in FLEXCUBE which is getting invoked
REQXML	CLOB	This field contains the request xml which has to be replayed
INSTRXML	CLOB	This field contains the instruction xml of the request xml
RESPRECIEVED	CHAR(1)	Flag indicates whether the response for the operation is received
REPLAYREQD	CHAR(1)	Flag indicates if the request has to be replayed
ERROR	CHAR(1)	Flag indicates if the operation has errored out
ERRORCODE	VARCHAR2(4000)	Contains error code
ERRORDESC	VARCHAR2(4000)	Contains error parameters
REPLAYCOMPLETE	VARCHAR2(1)	Indicates if the replay operation is complete
REF_NO_LIST	VARCHAR2(4000)	Contains the reference number list which has to be used in order to generate the same set of reference numbers
USER_ID	VARCHAR2(12)	FLEXCUBE user id
BRANCH	VARCHAR2(3)	The branch in which the operation is getting performed

2.6. GWTB_MSG_IN_HISTORY

Description -

This table is the history table of GWTB_MSG_IN_LOG

Primary Key and Foreign Keys -

Primary Key	MSG_REF_NO
Foreign Key	FK1_GWTB_MSG_IN_HISTORY (EXT_SYSTEM) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM) FK2_GWTB_MSG_IN_HISTORY (SERVICE_NAME,OPERATION_CODE) REFERS GWTM_OPERATIONS_MASTER(SERVICE_NAME,OPERATION_CODE)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXT_SYSTEM	VARCHAR2(15)	The source from which the request is sent
MSG_ID	VARCHAR2(255)	Indicates Message ID
CORREL_ID	VARCHAR2(255)	Indicates Correlation ID
REQ_Q_MSG_ID	VARCHAR2(255)	Indicates Request Queues Message ID
REQ_Q_CORREL_ID	VARCHAR2(255)	Indicates Request Queues Correlation ID
SERVICE_NAME	VARCHAR2(50)	The FLEXCUBE service name which is getting invoked
OPERATION_CODE	VARCHAR2(50)	The Operation in FLEXCUBE which is getting invoked
USER_ID	VARCHAR2(12)	FLEXCUBE user id
THEIR_USER_ID	VARCHAR2(20)	External systems USER ID
MEDIA	VARCHAR2(10)	Indicates Media
BRANCH_DT_STAMP	DATE	Date stamp of the branch in FLEXCUBE
SERVER_DT_STAMP	DATE	Servers Datestamp
PROCESS_STATUS	VARCHAR2(1)	Indicates if the process was success or failure or warning
REPAIR_REASON_CODE	VARCHAR2(11)	Contains error code
REPAIR_REASON_PARAMS	VARCHAR2(255)	Contains error parameters
MESSAGE	CLOB	Contains the request message
MSG_REF_NO	VARCHAR2(16)	This field contains the unique reference number for each request.
BRANCH	VARCHAR2(3)	Indicates the branch in which request is getting served
FC_TRN_REF_NO	VARCHAR2(16)	Indicates FLEXCUBES transaction reference number
QUEUE_NAME	VARCHAR2(255)	Indicates the request queues name

2.7. GWTB_MSG_IN_LOG

Description -

This table contains all the requests which has been serviced by FLEXCUBE on that day

Primary Key and Foreign Keys -

Primary Key	MSG_REF_NO
Foreign Key	FK1_GWTB_MSG_IN_LOG (SERVICE_NAME,OPERATION_CODE) REFERS GWTM_OPERATIONS_MASTER(SERVICE_NAME,OPERATION_CODE)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MSG_REF_NO	VARCHAR2(16)	This field contains the unique reference number for each request.
BRANCH	VARCHAR2(3)	Indicates the branch in which request is getting served
EXT_SYSTEM	VARCHAR2(15)	The source from which the request is sent
MSG_ID	VARCHAR2(255)	Indicates Message ID
CORREL_ID	VARCHAR2(255)	Indicates Correlation ID
REQ_Q_MSG_ID	VARCHAR2(255)	Indicates Request Queues Message ID
REQ_Q_CORREL_ID	VARCHAR2(255)	Indicates Request Queues Correlation ID
SERVICE_NAME	VARCHAR2(50)	The FLEXCUBE service name which is getting invoked
OPERATION_CODE	VARCHAR2(50)	The Operation in FLEXCUBE which is getting invoked
USER_ID	VARCHAR2(12)	FLEXCUBE user id
THEIR_USER_ID	VARCHAR2(20)	External systems USER ID
MEDIA	VARCHAR2(10)	Indicates Media
BRANCH_DT_STAMP	DATE	Date stamp of the branch in FLEXCUBE
SERVER_DT_STAMP	DATE	Servers Datestamp
PROCESS_STATUS	VARCHAR2(1)	Indicates if the process was success or failure or warning
REPAIR_REASON_CODE	VARCHAR2(11)	Contains error code
REPAIR_REASON_PARAMS	VARCHAR2(255)	Contains error parameters
MESSAGE	CLOB	Contains the request message
FC_TRN_REF_NO	VARCHAR2(16)	Indicates FLEXCUBES transaction reference number
QUEUE_NAME	VARCHAR2(255)	Indicates the request queues name

2.8. GWTB_MSG_OUT_HISTORY

Description -

This table is the history table of GWTB_MSG_OUT_LOG

Primary Key and Foreign Keys -

Primary Key	MSG_REF_NO
Foreign Key	FK1_GWTB_MSG_OUT_HISTORY (SERVICE_NAME,OPERATION_CODE) REFERS GWTM_OPERATIONS_MASTER(SERVICE_NAME,OPERATION_CODE) FK2_GWTB_MSG_OUT_HISTORY (EXT_SYSTEM) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MSG_REF_NO	VARCHAR2(16)	This field contains the unique reference number for each request.
BRANCH	VARCHAR2(3)	Indicates the branch in which request is getting served
RELATED_MSG_REF_NO	VARCHAR2(16)	Indicates the related message reference number
EXT_SYSTEM	VARCHAR2(15)	The source from which the request is sent
SERVICE_NAME	VARCHAR2(50)	The FLEXCUBE service name which is getting invoked
OPERATION_CODE	VARCHAR2(50)	The Operation in FLEXCUBE which is getting invoked
MSG_ID	VARCHAR2(255)	Indicates Message ID
CORREL_ID	VARCHAR2(255)	Indicates Correlation ID
RES_Q_MSG_ID	VARCHAR2(255)	Indicates Request Queues Message ID

RES_Q_CORREL_ID	VARCHAR2(255)	Indicates Request Queues Correlation ID
USER_ID	VARCHAR2(12)	FLEXCUBE user id
THEIR_USER_ID	VARCHAR2(20)	External systems USER ID
MEDIA	VARCHAR2(10)	Indicates Media
BRANCH_DT_STAMP	DATE	Date stamp of the branch in FLEXCUBE
SERVER_DT_STAMP	DATE	Servers Datestamp
PROCESS_STATUS	VARCHAR2(1)	Indicates if the process was success or failure or warning
REPAIR_REASON_CODE	VARCHAR2(11)	Contains error code
REPAIR_REASON_PARAMS	VARCHAR2(255)	Contains error parameters
MESSAGE	CLOB	Contains the response message
FC_TRN_REF_NO	VARCHAR2(16)	Indicates FLEXCUBES transaction reference number
QUEUE_NAME	VARCHAR2(255)	Indicates the response queues name

2.9. GWTB_MSG_OUT_LOG

Description -

This table contains all the response which has been serviced by FLEXCUBE on that day

Primary Key and Foreign Keys -

Primary Key	MSG_REF_NO
Foreign Key	FK1_GWTB_MSG_OUT_LOG (EXT_SYSTEM) REFERS GWTM_EXT_SYS_MASTER(EXT_SY STEM) FK2_GWTB_MSG_OUT_LOG (SERVICE_NAME,OPERATION_CODE) REFERS GWTM_OPER ATIONS_MASTER(SERVICE_NAME,OPERATION_CODE)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MSG_REF_NO	VARCHAR2(16)	This field contains the unique reference number for each request.
BRANCH	VARCHAR2(3)	Indicates the branch in which request is getting served
RELATED_MSG_REF_NO	VARCHAR2(16)	Indicates the related message reference number
EXT_SYSTEM	VARCHAR2(15)	The source from which the request is sent
SERVICE_NAME	VARCHAR2(50)	The FLEXCUBE service name which is getting invoked
OPERATION_CODE	VARCHAR2(50)	The Operation in FLEXCUBE which is getting invoked
MSG_ID	VARCHAR2(255)	Indicates Message ID
CORREL_ID	VARCHAR2(255)	Indicates Correlation ID
RES_Q_MSG_ID	VARCHAR2(255)	Indicates Request Queues Message ID
RES_Q_CORREL_ID	VARCHAR2(255)	Indicates Request Queues Correlation ID
USER_ID	VARCHAR2(12)	FLEXCUBE user id
THEIR_USER_ID	VARCHAR2(20)	External systems USER ID
MEDIA	VARCHAR2(10)	Indicates Media
BRANCH_DT_STAMP	DATE	Date stamp of the branch in FLEXCUBE
SERVER_DT_STAMP	DATE	Servers Datestamp
PROCESS_STATUS	VARCHAR2(1)	Indicates if the process was success or failure or warning
REPAIR_REASON_CODE	VARCHAR2(4000)	Contains error code
REPAIR_REASON_PARAMS	VARCHAR2(4000)	Contains error parameters
MESSAGE	CLOB	Contains the request message
FC_TRN_REF_NO	VARCHAR2(16)	Indicates FLEXCUBES transaction reference number
QUEUE_NAME	VARCHAR2(255)	Indicates the response queues name

2.10. GWTB_MULT_TASK_INITIATION

Description -

This table stores external system, branch code and module mapping for task initiation.

Primary Key and Foreign Keys -

Primary Key	BRANCH_CODE,EXT_SYSTEM,MODULE_CODE,SERVICE_NAME,OPERATION_CODE
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Foreign Key	FK1_GWTB_MULT_TASK_INITIATION (BRANCH_CODE) REFERS STTM_BRANCH(BRANCH_CODE) FK2_GWTB_MULT_TASK_INITIATION (SERVICE_NAME,OPERATION_CODE) REFERS GWTM_OPERATIONS_MASTER(SERVICE_NAME,OPERATION_CODE) FK3_GWTB_MULT_TASK_INITIATION (EXT_SYSTEM) REFERS GWTM_EXT_SYS_MASTER (EXT_SYSTEM) FK4_GWTB_MULT_TASK_INITIATION (MODULE_CODE) REFERS SMTB_MODULES(MODULE_ID)
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
BRANCH_CODE	VARCHAR2(3)	Branch code
EXT_SYSTEM	VARCHAR2(15)	External system name
MODULE_CODE	VARCHAR2(2)	Module Code
SERVICE_NAME	VARCHAR2(50)	Service Name
OPERATION_CODE	VARCHAR2(50)	Operation Code
TASK_INIT_REQD	VARCHAR2(1)	Task initiation Required
EFFECTIVE_DATE	DATE	Effective Date

2.11. GWTB_NOTIFICATIONS_HISTORY

Description -

This table is the history table of GWTB_NOTIFICATIONS_LOG

Primary Key and Foreign Keys -

Primary Key	NOTIFICATION_REF_NO
Foreign Key	FK1_GWTB_NOTIFICATIONS_HISTORY (BRANCH_CODE) REFERS STTM_BRANCH(BRANCH_CODE)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
NOTIFICATION_REF_NO	VARCHAR2(16)	This field contains the unique reference number for the notification
BRANCH_CODE	VARCHAR2(3)	Indicates the branch in which request is getting served
USER_ID	VARCHAR2(12)	FLEXCUBE user id
BASE_TABLE_NAME	VARCHAR2(30)	The base table which has generated the notification
PKEY_FIELDS	VARCHAR2(255)	The primary key field names in the base table
PKEY_VALUES	VARCHAR2(255)	The primary key values
NOTIFICATION_CODE	VARCHAR2(30)	Notification code which has got generated
SERVER_TIME_STAMP	DATE	Servers time stamp
BRANCH_TIME_STAMP	DATE	FLEXCUBE branches time stamp
NOTIFICATION_MESSAGE	CLOB	Contains notification message which has got generated
NOTIF_GEN_SERVER_TIME	DATE	The server time at which notification is generated
NOTIF_STATUS	VARCHAR2(1)	Indicates the status if the message is generated and processed or not
NOTIF_STATUS_REASON	VARCHAR2(255)	Indicates the error cause if the message is not generated
BEAN_STATUS	VARCHAR2(1)	Obsolete

2.12. GWTB_NOTIFICATIONS_LOG

Description -

This table contains all the notifications which got generated in FLEXCUBE on a day

Primary Key and Foreign Keys -

Primary Key	NOTIFICATION_REF_NO
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Foreign Key	FK1_GWTB_NOTIFICATIONS_LOG (BRANCH_CODE) REFERS STTM_BRANCH(BRANCH_CODE)
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
NOTIFICATION_REF_NO	VARCHAR2(16)	This field contains the unique reference number for the notification
BRANCH_CODE	VARCHAR2(3)	Indicates the branch in which request is getting served
USER_ID	VARCHAR2(12)	FLEXCUBE user id
BASE_TABLE_NAME	VARCHAR2(30)	The base table which has generated the notification
PKEY_FIELDS	VARCHAR2(255)	The primary key field names in the base table
PKEY_VALUES	VARCHAR2(255)	The primary key values
NOTIFICATION_CODE	VARCHAR2(30)	Notification code which has got generated
SERVER_TIME_STAMP	DATE	Servers time stamp
BRANCH_TIME_STAMP	DATE	FLEXCUBE branches time stamp
NOTIFICATION_MESSAGE	CLOB	Contains notification message which has got generated
NOTIF_GEN_SERVER_TIME	DATE	The server time at which notification is generated
NOTIF_STATUS	VARCHAR2(1)	Indicates the status if the message is generated and processed or not
NOTIF_STATUS_REASON	VARCHAR2(255)	Indicates the error cause if the message is not generated
BEAN_STATUS	VARCHAR2(1)	Obsolete

2.13. GWTB_POSS_LOG

Description -

This table contains all the requests which have to be replayed from Secondary to main schema as part of Planned Outage Support Server

Primary Key and Foreign Keys -

Primary Key	SEQUENCENUMBER
Foreign Key	FK1_GWTB_POSS_LOG (SOURCE) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM) FK2_GWTB_POSS_LOG (SERVICE,OPERATION) REFERS GWTM_OPERATIONS_MASTER(SERVICE_NAME,OPERATION_CODE) FK3_GWTB_POSS_LOG (BRANCH) REFERS STTM_BRANCH(BRANCH_CODE)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
SEQUENCENUMBER	VARCHAR2(16)	This field contains the unique reference number for each request.
SOURCE	VARCHAR2(30)	The source from which the request is sent
SERVICE	VARCHAR2(30)	The FLEXCUBE service name which is getting invoked
OPERATION	VARCHAR2(30)	The Operation in FLEXCUBE which is getting invoked
REQXML	CLOB	This field contains the request xml which has to be replayed
INSTRXML	CLOB	This field contains the instruction xml of the request xml
RESPRECIEVED	CHAR(1)	Flag indicates whether the response for the operation is received
REPLAYREQD	CHAR(1)	Flag indicates if the request has to be replayed
ERROR	CHAR(1)	Flag indicates if the operation has errored out
ERRORCODE	VARCHAR2(4000)	Contains error code
ERRORDESC	VARCHAR2(4000)	Contains error parameters
ORACLESCN	VARCHAR2(16)	Unique number generated
REPLAYCOMPLETE	VARCHAR2(1)	Indicates if the replay operation is complete
REF_NO_LIST	VARCHAR2(4000)	Contains the reference number list which has to be used in order to generate the same set of reference numbers
USER_ID	VARCHAR2(12)	FLEXCUBE user id
BRANCH	VARCHAR2(3)	The branch in which the operation is getting performed

2.14. GWTM_AMEND_DETAIL

Description -

This table stores the list of amendable fields/nodes for an external system for an operation.

Primary Key and Foreign Keys -

Primary Key	EXT_SYSTEM,SOURCE_OPERATION,ELEMENT_NAME
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXT_SYSTEM	VARCHAR2(15)	External system name.
SOURCE_OPERATION	VARCHAR2(50)	Source operation name.
ELEMENT_NAME	VARCHAR2(50)	Element name.
ELEMENT_TYPE	VARCHAR2(1)	Indicates if the element is a Node or a field. Possible values are F - Element is a field N - Element is a Node

2.15. GWTM_AMEND_FIELDS

Description -

This table stores the list of amendable nodes and fields for an external system on an operation.

Primary Key and Foreign Keys -

Primary Key	EXT_SYSTEM,SOURCE_OPERATION,NODE_NAME,FIELD_NAME
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXT_SYSTEM	VARCHAR2(15)	External system name.
SOURCE_OPERATION	VARCHAR2(50)	Operation name.
NODE_NAME	VARCHAR2(50)	Node name for which external system has the access to modify.
FIELD_NAME	VARCHAR2(50)	Field name for which external system has the access to modify.
RAD_FUNCTION_ID	VARCHAR2(50)	

2.16. GWTM_AMEND_MASTER

Description -

This table stores all the allowed services and operations for an external system.

Primary Key and Foreign Keys -

Primary Key	EXT_SYSTEM,SOURCE_OPERATION
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXT_SYSTEM	VARCHAR2(15)	External system name.
SOURCE_OPERATION	VARCHAR2(50)	Source operation name.
SERVICE_NAME	VARCHAR2(50)	Service name.
OPERATION_CODE	VARCHAR2(50)	Operation name.
MAKER_ID	VARCHAR2(12)	
CHECKER_ID	VARCHAR2(12)	
MAKER_DT_STAMP	DATE	
CHECKER_DT_STAMP	DATE	
ONCE_AUTH	VARCHAR2(1)	
AUTH_STAT	VARCHAR2(1)	
RECORD_STAT	VARCHAR2(1)	
MOD_NO	NUMBER	
RAD_FUNCTION_ID	VARCHAR2(50)	

2.17. GWTM_AMEND_NODES

Description -

This table stores the list of allowed operation for an external system on a node

Primary Key and Foreign Keys -

Primary Key	EXT_SYSTEM,SOURCE_OPERATION,NODE_NAME
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXT_SYSTEM	VARCHAR2(15)	External system name
SOURCE_OPERATION	VARCHAR2(50)	Operation allowed for the external system
NODE_NAME	VARCHAR2(50)	XSD node name on which amend is allowed
NEW_ALLOWED	VARCHAR2(1)	Flag to indicate if new operation is allowed or not Possible values are Y and N
DELETE_ALLOWED	VARCHAR2(1)	Flag to indicate if delete operation is allowed or not Possible values are Y and N
ALL_RECORDS	VARCHAR2(1)	Flag Indicates all records are amendable
RAD_FUNCTION_ID	VARCHAR2(50)	

2.18. GWTM_EXT_SYS_FUNCTIONS**Description -**

This table stores the allowed function ids and actions for an external system.

Primary Key and Foreign Keys -

Primary Key	EXT_SYSTEM,FUNCTION_ID,ACTION
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXT_SYSTEM	VARCHAR2(15)	External system name.
FUNCTION_ID	VARCHAR2(8)	Allowed function id.
ACTION	VARCHAR2(15)	Allowed action.
MAKER_ID	VARCHAR2(12)	Id of the person who created the record
CHECKER_ID	VARCHAR2(12)	Authorizer
MAKER_DT_STAMP	DATE	Gives the date when the record was created by
CHECKER_DT_STAMP	DATE	Authorization date by supervisor
ONCE_AUTH	VARCHAR2(1)	Authorised once
AUTH_STAT	VARCHAR2(1)	Authorization status of the record
RECORD_STAT	VARCHAR2(1)	This refers to the record status, Open or Closed
MOD_NO	NUMBER	Gives the latest modification number

2.19. GWTM_EXT_SYS_MASTER**Description -**

This table stores the external system details.

Primary Key and Foreign Keys -

Primary Key	EXT_SYSTEM
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXT_SYSTEM	VARCHAR2(15)	External system name.
DESCRIPTION	VARCHAR2(35)	External system dscription.
DEFAULT_RESP_QUEUE	VARCHAR2(255)	Stores the default response queue name.
DEAD_LETTER_QUEUE	VARCHAR2(255)	Stores the dead letter queue name.
RESP_MSG_ID_REG_REQD	VARCHAR2(1)	Flag to indicate if message id should be regenerated in response message.

CORREL_PATTERN	VARCHAR2(3)	Indicates if message id should be used as corelation id or a new one has to be generated for the external system. Possible values are. M2C - Message id used as corelation id. C2C - New Corelation id has to be generated.
MSG_XCHANGE_PATTERN	VARCHAR2(4)	Stores the message exchange pattern between FLEXCUBE and external system. Possible values are FSFS - Full sereen request Full screen response IOPK - Input only request pkey response IOFS - Input only request Full screen response.
MAKER_ID	VARCHAR2(12)	
CHECKER_ID	VARCHAR2(12)	
MAKER_DT_STAMP	DATE	
CHECKER_DT_STAMP	DATE	
ONCE_AUTH	VARCHAR2(1)	
AUTH_STAT	VARCHAR2(1)	
RECORD_STAT	VARCHAR2(1)	
MOD_NO	NUMBER	
XSD_VALIDATION_REQD	VARCHAR2(1)	Flag to indicate if XSD validation is required. Possible values are Y,N.

2.20. GWTM_EXT_SYS_QUEUES

Description -

This table stores the request and response queue details for an external system.

Primary Key and Foreign Keys -

Primary Key	EXT_SYSTEM,IN_QUEUE
Foreign Key	FK1_GWTM_EXT_SYS_QUEUES (EXT_SYSTEM) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXT_SYSTEM	VARCHAR2(15)	External system name.
IN_QUEUE	VARCHAR2(255)	Queue where the incoming request are picked up.
RESP_QUEUE	VARCHAR2(255)	Queue where FLEXCUBE response will be posted.

2.21. GWTM_FTP_PARAMETER

Description -

This table stores the FTP parameter details.

Primary Key and Foreign Keys -

Primary Key	EXTERNAL_SYSTEM
Foreign Key	FK1_GWTM_FTP_PARAMETER (EXTERNAL_SYSTEM) REFERS GWTM_EXT_SYS_MASTER (EXT_SYSTEM)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXTERNAL_SYSTEM	VARCHAR2(15)	External system name.
IP_ADDRESS	VARCHAR2(15)	IP address of server where the external system is installed.
PORT	NUMBER(5)	Port on which the external system application can be accessed.
USER_NAME	VARCHAR2(50)	User name to access the server.
PASSWORD	VARCHAR2(50)	Password to access the server.

2.22. GWTM_MT_TASK_INITIATION

Description -

This table stores external system, branch code and module mapping.

Primary Key and Foreign Keys -

Primary Key	BRANCH_CODE,EXT_SYSTEM,MODULE_CODE
Foreign Key	FK1_GWTM_MT_TASK_INITIATION (EXT_SYSTEM) REFERS GWTM_EXT_SYS_MASTER(EXT_SYSTEM) FK2_GWTM_MT_TASK_INITIATION (BRANCH_CODE) REFERS STTM_BRANCH(BRANCH_CODE) FK3_GWTM_MT_TASK_INITIATION (MODULE_CODE) REFERS SMTB_MODULES(MODULE_ID)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
BRANCH_CODE	VARCHAR2(3)	Branch code.
EXT_SYSTEM	VARCHAR2(15)	External system name.
MODULE_CODE	VARCHAR2(2)	Module Code.
ONCE_AUTH	VARCHAR2(1)	
RECORD_STAT	VARCHAR2(1)	
AUTH_STAT	VARCHAR2(1)	
MAKER_ID	VARCHAR2(12)	
MAKER_DT_STAMP	DATE	
CHECKER_ID	VARCHAR2(12)	
CHECKER_DT_STAMP	DATE	
MOD_NO	NUMBER(1)	

2.23. GWTM_NOTIFICATIONS_ENROUTE**Description -**

This table stores the MDB queue linked with a notification

Primary Key and Foreign Keys -

Primary Key	BRANCH_CODE,NOTIFICATION_CODE,TOPIC_NAME
Foreign Key	FK1_GWTM_NOTIFICATIONS_ENROUTE (NOTIFICATION_CODE) REFERS GWTM_NOTIFICATIONS_MASTER(NOTIFICATION_CODE)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
BRANCH_CODE	VARCHAR2(3)	Branch code.
NOTIFICATION_CODE	VARCHAR2(30)	Notification code.
TOPIC_NAME	VARCHAR2(100)	MDB queue name.
MAKER_ID	VARCHAR2(12)	
CHECKER_ID	VARCHAR2(12)	
MAKER_DT_STAMP	DATE	
CHECKER_DT_STAMP	DATE	
ONCE_AUTH	VARCHAR2(1)	
AUTH_STAT	VARCHAR2(1)	
RECORD_STAT	VARCHAR2(1)	
MOD_NO	NUMBER	

2.24. GWTM_NOTIFICATIONS_INSTALLED**Description -**

This table stores the list of notifications installed in the branch.

Primary Key and Foreign Keys -

Primary Key	BRANCH_CODE,NOTIFICATION_CODE
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Foreign Key	FK1_GWTM_NOTIFICATIONS_INSTALL (NOTIFICATION_CODE) REFERS GWTM_NOTIFICATIONS_MASTER(NOTIFICATION_CODE) FK2_GWTM_NOTIFICATIONS_INSTALL (BRANCH_CODE) REFERS STTM_BRANCH(BRANCH_CODE)
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
BRANCH_CODE	VARCHAR2(3)	Branch code.
NOTIFICATION_CODE	VARCHAR2(30)	Notifications maintained in the branch.
MAKER_ID	VARCHAR2(12)	
CHECKER_ID	VARCHAR2(12)	
MAKER_DT_STAMP	DATE	
CHECKER_DT_STAMP	DATE	
ONCE_AUTH	VARCHAR2(1)	
AUTH_STAT	VARCHAR2(1)	
RECORD_STAT	VARCHAR2(1)	
MOD_NO	NUMBER	

2.25. GWTM_NOTIFICATIONS_MASTER

Description -

This table stores the notification details.

Primary Key and Foreign Keys -

Primary Key	NOTIFICATION_CODE
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
NOTIFICATION_CODE	VARCHAR2(30)	Notification code.
NOTIFICATION_DESC	VARCHAR2(255)	Description for notification.
FUNC_OR_MODULE	VARCHAR2(12)	Stores the module or the function for which the notification is created.
ACTION_OR_EVENT	VARCHAR2(35)	Stores the action or event for which the notification is created.
BASE_TABLE_NAME	VARCHAR2(100)	Table on which the notification is created.
OPERATION	VARCHAR2(35)	Operation on which the notification has to be fired.
FS_REPLY	VARCHAR2(1)	Flag to indicate if full screen reply is required or not. Possible values are Y,N
AUTH_STAT	VARCHAR2(1)	
MAKER_ID	VARCHAR2(12)	
MAKER_DT_STAMP	DATE	
CHECKER_ID	VARCHAR2(12)	
CHECKER_DT_STAMP	DATE	
ONCE_AUTH	VARCHAR2(1)	
RECORD_STAT	CHAR(1)	
MOD_NO	NUMBER	
FILTER_TYPE	VARCHAR2(1)	Indicates the type of filter used. Possible values are N - None P - PLSQL Block W - Where Clause
GW_OPERATION	VARCHAR2(200)	Stores the gateway operation linked to the notification.
GW_SERVICE	VARCHAR2(200)	Stores the gateway service linked to the notification.
HO_ONLY	VARCHAR2(1)	Flag to indicate if the notification should be used only in head office. Possible values Y,N

GW_IO_REQ_NODE	VARCHAR2(200)	Stores the input only request XSD node.
SPECIFIC_NOTIFICATION	VARCHAR2(1)	Flag to indicate if the notification is specific.
NOTIFICATION_ID	VARCHAR2(8)	Notification identification value.
FILTER_LOGIC	VARCHAR2(4000)	Notification filter logic.
NOTIFICATION_XSD	VARCHAR2(255)	The generated XSD for the notification.

2.26. GWTM_NOTIFICATION_TAG_MAP

Description -

This table stores the table columns mapped to a notification.

Primary Key and Foreign Keys -

Primary Key	NOTIFICATION_CODE, TABLE_FIELD
Foreign Key	FK1_GWTM_NOTIFICATION_TAG_MAP (NOTIFICATION_CODE) REFERS GWTM_NOTIFICATIONS_MASTER(NOTIFICATION_CODE)

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
NOTIFICATION_CODE	VARCHAR2(30)	Notification Code
TABLE_FIELD	VARCHAR2(200)	Table column mapped to the notification.
XSD_FIELD	VARCHAR2(200)	XSD tag mapped to the notification.
XSD_FIELD_ORDER	NUMBER	The order in which the mapping is done.
DATA_TYPE	VARCHAR2(100)	Data type the mapped fields.

2.27. GWTM_NOTIFICATION_TRIGGERS

Description -

FLEXCUBE Internal table to store details of notifications related triggers.

Primary Key and Foreign Keys -

Primary Key	TRIGGER_CODE
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
TRIGGER_CODE	VARCHAR2(20)	Trigger name.
TRIGGER_DESCRIPTION	VARCHAR2(100)	Trigger description.
BASE_TABLE	VARCHAR2(100)	Table on which the trigger is created.
TRIGGER_WHEN_CLAUSE	VARCHAR2(500)	Condition to fire the trigger.
TRIGGER_TYPE	VARCHAR2(1)	Flag to indicate if the trigger is specific. Possible values Y,N.
NOTIFICATION_CODES	VARCHAR2(100)	Notification codes for which this trigger will be linked to.
FIRING_TIME	VARCHAR2(10)	Indicates if the trigger has to be fired BEFORE or AFTER insert or update. Possible values BEFORE, AFTER.
EACH_RECORD	VARCHAR2(1)	Flag to indicate if the trigger has to be fired for each record. Possible values Y,N.
TRIGGER_LOGIC	VARCHAR2(4000)	Stores triggers logic.

2.28. GWTM_OPERATIONS_MASTER

Description -

This table stores the gateway operation details, gateway function ids and related XSD names for a gateway service.

Primary Key and Foreign Keys -

Primary Key	SERVICE_NAME, OPERATION_CODE
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
SERVICE_NAME	VARCHAR2(50)	Name of the gateway service.

OPERATION_CODE	VARCHAR2(50)	Operation code for the gateway service.
SERVICE_DESC	VARCHAR2(4000)	Description of gateway service.
OPERATION_DESCRIPTION	VARCHAR2(4000)	Description of gateway operation.
MODULE_CODE	VARCHAR2(2)	Module to which the service belongs to.
REPLY_REQD	VARCHAR2(1)	Flag to indicate if a reply is required from FLEXCUBE. Possible values Y,N.
FULL_SCREEN_XSD	VARCHAR2(50)	XSD name for full screen request.
INPUT_ONLY_XSD	VARCHAR2(50)	XSD name for input only request.
PKEY_XSD	VARCHAR2(50)	XSD name for pkey request.
ERROR_XSD	VARCHAR2(50)	XSD name for error response.
PKEY_RES_XSD	VARCHAR2(50)	XSD name for input only response.
FULL_SCREEN_RES_XSD	VARCHAR2(50)	XSD name for full screen response.
FC_FUNCTION_ID	VARCHAR2(8)	Executable function id.
FC_ACTION	VARCHAR2(50)	Action associated with the operation.
DEFAULT_FUNCTION	VARCHAR2(1)	Flag to indicate if this function id is default. Possible values Y,N
LOG_REQD	VARCHAR2(1)	Flag to indicate if logging is required. Possible values Y,N
SMS_FUNCTION_ID	VARCHAR2(8)	SMS function id
SMS_ACTION	VARCHAR2(50)	SMS action
FS_REQ_XSD	VARCHAR2(50)	Full screen request XSD
PK_RES_XSD	VARCHAR2(50)	XSD name for pkey response.
FS_RES_XSD	VARCHAR2(50)	XSD name for full screen response.
LOGGING_REQD	VARCHAR2(50)	Flag to indicate if logging is required. Possible values Y,N
IO_REQ_XSD	VARCHAR2(50)	XSD name for Input only request.

2.29. GWTM_SERVICES_MASTER

Description -

This table is used to store all the gateway services provided by FLEXCUBE.

Primary Key and Foreign Keys -

Primary Key	SERVICE_NAME
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
SERVICE_NAME	VARCHAR2(50)	Name of the gateway service.
SERVICE_DESC	VARCHAR2(4000)	Description of the gateway service.



Data Model - Gateway
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Oracle Financial services Software Limited
Oracle Park
Off western Express Highway
Goregaon(East)
Mumbai,Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax:+91 22 6718 3001
www.oracle.com/financialservices/

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