

SECURITY MANAGEMENT Data Model
Release FCUBS_14.2.0.0.0_CORE_GA
Oracle FLEXCUBE Universal Banking
[April] [2019]



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[April] [2019]

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1. INTRODUCTION

This document contains the data dictionary information of SECURITY MANAGEMENT module. For each table that belongs to the module, SM, it provides the following information

- Table Description
- Constraints
- Column details that contain column name, data type and descriptions.

2. SECURITY MANAGEMENT

2.1. SMTB_SMS_ACTION_LOG

Description -

This table contains the data of action based on login sequence user and its request and response

Constraints -

Primary Key	ACTION_SEQUENCE_NO
--------------------	--------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
SEQUENCE_NO	NUMBER	
ACTION_SEQUENCE_NO	NUMBER	
ACTION	VARCHAR2(25)	
EXITFLAG	NUMBER	
DESCRIPTION	VARCHAR2(1000)	
PKVALS	VARCHAR2(200)	
CURR_BRANCH	VARCHAR2(3)	
HOME_BRANCH	VARCHAR2(3)	
TXN_BRANCH	VARCHAR2(3)	
REQ_XML	CLOB	
RESP_XML	CLOB	
REQ_TIME	DATE	
RESP_TIME	DATE	
OBIEE_STATUS	VARCHAR2(1)	
USER_ID	VARCHAR2(12)	
LOGIN_SEQUENCE_NO	NUMBER	
MODULE_CODE	VARCHAR2(30)	

2.2. SMTB_SMS_LOG

Description -

This table contains the logs related to the transaction performed on function id's

Constraints -

Primary Key	SEQUENCE_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
SEQUENCE_NO	NUMBER	
START_TIME	DATE	
LOG_TYPE	CHAR(1)	
DESCRIPTION	VARCHAR2(35)	
END_TIME	DATE	
EXIT_FLAG	NUMBER(1)	
TERMINAL_ID	VARCHAR2(128)	
USER_ID	VARCHAR2(12)	
FUNCTION_ID	VARCHAR2(8)	

BRANCH_CODE	VARCHAR2(3)	
SYSTEM_START_TIME	DATE	
SYSTEM_END_TIME	DATE	
MODULE_CODE	VARCHAR2(30)	

2.3. SMTB_USER

Description -

To Store User Details

Constraints -

Primary Key	USER_ID
--------------------	---------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
EXIT_FUNCTION	VARCHAR2(8)	
USER_ID	VARCHAR2(12)	
START_DATE	DATE	
USER_NAME	VARCHAR2(35)	
USER_PASSWORD	VARCHAR2(250)	
STATUS_CHANGED_ON	DATE	
TILL_ALLOWED	CHAR(1)	
ACCLASS_ALLOWED	CHAR(1)	
PRODUCTS_ALLOWED	CHAR(1)	
BRANCHES_ALLOWED	CHAR(1)	
MAX_OVERRIDE_AMT	NUMBER(22,3)	
TIME_LEVEL	NUMBER(1)	
USER_CATEGORY	CHAR(1)	
USER_STATUS	CHAR(1)	
END_DATE	DATE	
PWD_CHANGED_ON	DATE	
MAX_TXN_AMT	NUMBER(22,3)	
MAX_AUTH_AMT	NUMBER(22,3)	
FORCE_PASSWD_CHANGE	NUMBER(1)	
USER_LANGUAGE	VARCHAR2(3)	
STARTUP_FUNCTION	VARCHAR2(8)	
HOME_BRANCH	VARCHAR2(3)	
FWDREW_COUNT	NUMBER(2)	
GL_ALLOWED	CHAR(1)	
AUTH_STAT	CHAR(1)	
CHECKER_DT_STAMP	DATE	
CHECKER_ID	VARCHAR2(30)	
MAKER_DT_STAMP	DATE	
MAKER_ID	VARCHAR2(30)	
MOD_NO	NUMBER	
ONCE_AUTH	CHAR(1)	
RECORD_STAT	CHAR(1)	
USER_PASSWORD_BRN	VARCHAR2(24)	
USER_ID_BRN	VARCHAR2(30)	
USER_TXN_LIMIT	VARCHAR2(1)	
LIMITS_CCY	VARCHAR2(3)	

AUTO_AUTH	CHAR(1)	
CUSTOMER_NO	VARCHAR2(20)	
PRODUCTS_ACCESS_ALLOWED	VARCHAR2(1)	
LDAP_USER	VARCHAR2(500)	
BRANCH_USRPWD	VARCHAR2(128)	
DFLT_MODULE	VARCHAR2(30)	
USER_EMAIL	VARCHAR2(50)	
TELEPHONE_NUMBER	VARCHAR2(50)	
USER_MANAGER	VARCHAR2(20)	
HOME_PHONE	VARCHAR2(50)	
USER_MOBILE	VARCHAR2(50)	
USER_FAX	VARCHAR2(50)	
USER_PAGER	VARCHAR2(50)	
EXT_USER_REF	VARCHAR2(20)	
TAX_IDENTIFIER	VARCHAR2(11)	
STAFF_AC_RESTR	VARCHAR2(1)	
AMOUNT_FORMAT	VARCHAR2(20)	
DATE_FORMAT	VARCHAR2(20)	
DEPT_CODE	VARCHAR2(3)	
SALT	VARCHAR2(32)	
EL_USER_ID	VARCHAR2(12)	
GROUP_CODE_ALLOWED	CHAR(1)	
MULTIBRANCH_ACCESS	VARCHAR2(1)	
OTHER_RM_CUST_RESTRICT	CHAR(1)	
DASHBOARD_REQD	VARCHAR2(1)	
ALERTS_ON_HOME	VARCHAR2(1)	
MFI_USER	VARCHAR2(1)	
NUMBER_FORMAT_MASK	VARCHAR2(1)	
REFERENCE_NO	VARCHAR2(20)	
DEBUG_WINDOW_ENABLED	VARCHAR2(1)	
SCREEN_SAVER_TIMEOUT	NUMBER(4)	
F10_REQD	VARCHAR2(1)	
F11_REQD	VARCHAR2(1)	
F12_REQD	VARCHAR2(1)	
MFA_ENBLD	VARCHAR2(1)	
MFA_ID	VARCHAR2(30)	
ACCESS_CONTROL	VARCHAR2(1)	
EXTERNAL_ALERTS	VARCHAR2(1)	
DATE_DELIMITER_REQ	VARCHAR2(1)	
ACCESS_GROUP_ALLOWED	CHAR(1)	
IS_FORGOTTEN	CHAR	Forgotten User Identifier
PII_ALLOWED	VARCHAR2(1)	Personally Identifiable Information allowed flag

2.4. STTB_PII_FIELDS

Description -

To static static PII fields

Constraints -

Primary Key	PII_GROUP, TABLE_NAME, COLUMN_NAME, DATA_TYPE, DATA_LENGTH, TOKENIZE
--------------------	--

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
TABLE_NAME	VARCHAR2(30)	Table Name
COLUMN_NAME	VARCHAR2(30)	Column Name
DATA_TYPE	VARCHAR2(128)	Data Type
DATA_LENGTH	NUMBER	Length of Data
TOKENIZE	VARCHAR2(1)	Tokenize flag
PII_GROUP	VARCHAR2(40)	PII Group
PARENT_TABLE	VARCHAR2(200)	Parent Table
RELATIONSHIP	VARCHAR2(200)	Relation with column name
PROCESS_FLAG	CHAR(1)	Masking process flag
ERROR_DESC	VARCHAR2(4000)	Error description
ACTUAL_TABLE_NAME	VARCHAR2(30)	Actual table name

2.5. STTB_PII_FUNCTIONS

Description -

To store static PII functions

Constraints -

Primary Key	FUNCTION_ID, MASK_FLG
--------------------	-----------------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
FUNCTION_ID	VARCHAR2(8)	List of function id to consider for masking
MASK_FLG	VARCHAR2(1)	Masking allowed flag for scope function id

2.6. STTM_PII_PROP_DET

Description -

To maintain PII tables and masking definition

Constraints -

Primary Key	MASK_TYPE, PII_GROUP, TABLE_NAME, COLUMN_NAME, DATA_TYPE, DATA_LENGTH
--------------------	---

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MASK_TYPE	VARCHAR2(1)	Mask Type
TABLE_NAME	VARCHAR2(30)	Table Name
COLUMN_NAME	VARCHAR2(30)	Column Name
DATA_TYPE	VARCHAR2(128)	Data Type
DATA_LENGTH	NUMBER	Length of Data
MASKVALUE	VARCHAR2(10)	Mask Value
FROM_POSITION	NUMBER	Masking Start Position
TO_POSITION	NUMBER	Masking End Position
TOKENIZE	VARCHAR2(1)	Tokenize or not
PII_GROUP	VARCHAR2(2)	PII Group
PROCESS_FLAG	VARCHAR2(1)	Process Flag
ERROR_DESC	VARCHAR2(4000)	Error description
RELATIONSHIP	VARCHAR2(200)	Relation of Column name
PARENT_TABLE	VARCHAR2(200)	Parent Table Name

2.7. STTM_PII_PROP_MAS

Description -

To maintain PII Groups

Constraints -

Primary Key	MASK_TYPE,PII_GROUP
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MASK_TYPE	VARCHAR2(1)	Mask Type
PROCESS_FLAG	VARCHAR2(1)	Process Flag
ERROR_DESC	VARCHAR2(4000)	Error description
RECORD_STAT	CHAR(1)	Record Status
AUTH_STAT	CHAR(1)	Authorize Status
ONCE_AUTH	CHAR(1)	Once Authorisation
MAKER_ID	VARCHAR2(12)	Maker User Id
MAKER_DT_STAMP	DATE	Record Created Date with Time stamp
CHECKER_ID	VARCHAR2(12)	Authorize user ID
CHECKER_DT_STAMP	DATE	Authorization Date with Time stamp
MOD_NO	NUMBER(4)	Modification count
PII_GROUP	VARCHAR2(2)	PII Group

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