

Oracle® Fusion Cloud EPM

Data Tables Guide - Supplemental Data Manager



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Oracle Fusion Cloud EPM Data Tables Guide - Supplemental Data Manager,

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1

Creating and Running an EPM Center of Excellence

A best practice for EPM is to create a CoE (Center of Excellence).

An **EPM CoE** is a unified effort to ensure adoption and best practices. It drives transformation in business processes related to performance management and the use of technology-enabled solutions.

Cloud adoption can empower your organization to improve business agility and promote innovative solutions. An EPM CoE oversees your cloud initiative, and it can help protect and maintain your investment and promote effective use.

The EPM CoE team:

- Ensures cloud adoption, helping your organization get the most out of your Oracle Fusion Cloud EPM investment
- Serves as a steering committee for best practices
- Leads EPM-related change management initiatives and drives transformation

All customers can benefit from an EPM CoE, including customers who have already implemented EPM.

How Do I Get Started?

Click to get best practices, guidance, and strategies for your own EPM CoE: [Introduction to EPM Center of Excellence](#).

Learn More

- Watch the Cloud Customer Connect webinar: [Creating and Running a Center of Excellence \(CoE\) for Cloud EPM](#)
- Watch the videos: [Overview: EPM Center of Excellence](#) and [Creating a Center of Excellence](#).
- See the business benefits and value proposition of an EPM CoE in *Creating and Running an EPM Center of Excellence*.



2

Overview

This guide contains information about tables within Oracle Financial Consolidation and Close and Tax Reporting and their columns, primary keys, indexes, and foreign keys, if applicable.

Tables are the basic unit of data storage in Oracle Financial Consolidation and Close and Tax Reporting, where data is stored in rows and columns. For example, the FCM_USERS table is a common table and stores information about the users such as first name, last name, time zone preference, user interface preference.

Example 2-1 How This Guide is Structured

This guide is divided into two sections:

- **Common Tables** - these tables start with FCM
- **Supplemental Data Tables** - these tables start with SDM

3

Common Tables

The following Common tables are used by Supplemental Data Manager and Enterprise Journals.

Related Tables:

- [FCM_ALERTS](#)
- [FCM_ALERT_ASSOCIATIONS](#)
- [FCM_ALERT_TYPES](#)
- [FCM_SCHEDULER_JOBS](#)
- [FCM_TEAMS](#)
- [FCM_TEAM_USERS](#)
- [FCM_USERS](#)

FCM_ALERTS

This table stores information about the alerts created.

Details

Object type: TABLE

Primary Key

Name	Columns
FCM_ALERTS_PK	ALERT_ID

Columns

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
ALERT_ID	NUMBER		18	0	No	Unique ID of the alert, primary key for the alert record.
CLOSED_DATE	DATE				Yes	Date on which alert was closed.
OWNER_ID	VARCHAR2	255			Yes	User ID of the alter owner.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
ALERT_TYPE_ID	NUMBER		18	0	Yes	ID of the alert type. This is a foreign key into the FCM_ALERT_TYPES table.
PRIORITY	NUMBER		1	0	No	Priority assigned to the alert. Possible values are: 1=Low, 2=Medium, and 3=High.
ALERT_NAME	VARCHAR2	240			No	Name of the alert.
ALERT_DESCRIPTOR	VARCHAR2	4000			No	Description of the alert.
STATUS_ID	NUMBER		2	0	No	The status of the alert. Possible values are: 24 = With Owner, 6 = With Assignee, 10 = With Approver, and 1 = Closed.
ASSIGNEE_ID	VARCHAR2	255			Yes	ID of the user to who the alert is assigned.
APPROVER_ID	VARCHAR2	255			Yes	ID of the user who is designated as the Approver for this alert.
APP_ID	NUMBER		1	0	No	The Application ID

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE				No	Who column. Stores the date when this row was last updated.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column. Stores the ID of the user who last updated this row.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE	1			No	Who column. Stores the date when this row was created in the database.
CREATED_BY	VARCHAR2	255			No	Who column. Stores the ID of the user who created this row.
START_DATE	DATE				Yes	Start date of the alert
END_DATE	DATE				Yes	End date of the alert.
YEAR_ID	NUMBER		18	0	Yes	Year ID associated with this alert
PERIOD_ID	NUMBER		18	0	Yes	Period ID associated with this alert.
RESPONSIBILITY_LEVEL	NUMBER		0	0	Yes	The current level of the alert.
INSTRUCTIONS	CLOB				Yes	The instructions provided in the alert definition.
ALERT_SECONDARY_ID	NUMBER		18	0	Yes	Secondary ID, used for attachments.
OBJECT_TYPE	VARCHAR2	15			Yes	The object type associated with the alert.
RESTRICTION	VARCHAR2	1			Yes	Default restriction of the alert. Possible values are: W = Prevent Workflow, C = Prevent Close.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OWNER_SUBMISSION_DATE	DATE				Yes	Date this alert was submitted by the alert owner.
UUID	VARCHAR2	40			Yes	Unique ID, used for LCM.
REMOVE_ASSOCIATIONS	VARCHAR2	1			Yes	Whether this alert can be removed from an object. Possible values are: Y = Yes or N = No.

FCM_ALERT_ASSOCIATIONS

This table stores information about associations of alerts with one or more objects.

Details

Object type: TABLE

Primary Key

Name	Columns
FCM_ALERT_ASSOCIATIONS_PK	ASSOCIATION_ID

Columns

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
ASSOCIATION_ID	NUMBER		18	0	No	Unique association ID, primary key.
ALERT_ID	NUMBER		18	0	No	Unique ID of the alert related to this association.
OBJECT_ID	NUMBER		18	0	No	Unique ID of the object with which the alert is associated.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_TYPE	VARCHAR2	15			No	Type of object with which the alert is associated.
ASSOCIATION_DATE	DATE				Yes	Date the association between the alert and object was created.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No No	Used to implement optimistic locking. This number is incremented every time the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE				No	Who column. Stores the date when this row was last updated.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column. Stores the ID of the user who last updated this row.
CREATION_DATE	DATE				No	Who column. Stores the date when this row was created in the database.
CREATED_BY	VARCHAR2	255			No	Who column. Stores the ID of the user who created this row.
RESTRICTION	VARCHAR2	1			Yes	Default restriction of the alert. Possible values are: W = Prevent Workflow, C = Prevent Close.

FCM_ALERT_TYPES

This table stores the alert types created by the Administrator.

Details

Object type: TABLE

Primary Key

Name	Columns
FCM_ALERT_TYPES_PK	ALERT_TYPE_ID

Columns

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
ALERT_TYPE_ID	NUMBER		18	0	No	Unique alert type ID, primary key.
ENABLED	VARCHAR2	1			Yes	Whether the alert type is enabled. Possible values are: Y = Yes and N = No. Alerts can be created based on this alert type only if it is enabled.
ALERT_TYPE_NAME	VARCHAR2	240			No	Name of the alert type
ALERT_TYPE_DESCRIPTION	VARCHAR2	765			Yes	Description of the alert type
APP_ID	NUMBER		1	0	No	The Application ID
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE				No	Who column. Stores the date when this row was last updated.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column. Stores the ID of the user who last updated this row.
CREATION_DATE	DATE				No	Who column. Stores the date when this row was created in the database.
CREATED_BY	VARCHAR2	255			No	Who column. Stores the ID of the user who created this row.
INSTRUCTIONS	CLOB				Yes	The instructions provided in the alert type definition.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
ALERT_TYPE_CODE	VARCHAR2	255			Yes	Code that indicates the type of alert (all, Reconciliation, Compliance Transaction, or Transaction Matching)
OBJECT_TYPE	VARCHAR2	15		0	Yes	Type of object associated with this alter type.
RESTRICTION	VARCHAR2	1			Yes	Indicates the restriction for this alert type (None, Prevent Workflow, or Prevent Close).
YEAR_SELECTION	VARCHAR2	1			Yes	The year selection for the alert type. Possible values are: H=Hidden, V=Visible, or R=Required
PERIOD_SELECTION	VARCHAR2	1			Yes	The period selection for the alert type. Possible values are: H=Hidden, V=Visible, R=Required
REMOVE_ASSOCIATIONS	VARCHAR2	1			Yes	Whether this alert can be removed from an object. Possible values are Y/N.

FCM_SCHEDULER_JOBS

This table stores the jobs being run by the scheduler.

Details

Object type: TABLE

Primary Key

Name	Columns
FCM_SCHEDULER_JOBS_PK	JOB_ID

Columns

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
JOB_ID	NUMBER		18	0	No	Job ID, primary key
APP_ID	NUMBER		3	0	No	Application ID
JOB_CODE	VARCHAR2	60			No	The internal code of the job
JOB_NAME	VARCHAR2	256			No	The job name
SERVER	VARCHAR2	256			Yes	The server name the job is scheduled to run against
START_DATE	DATE				No	The scheduled start date of the job
RECURRING	VARCHAR2	1			No	Whether the job is recurring or not
INTERVAL	NUMBER				Yes	For a recurring job, the interval between executions
CLASS_NAME	VARCHAR2	255			No	The class name to call

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
METHOD	VARCHAR2	255			No	The method name to call
STATUS_ID	NUMBER		3	0	No	The status of the job: 32=pending, 6=running, 1=closed, #=error
MESSAGE	VARCHAR2	4000			Yes	Any messages passed on by the job
ACTUAL_START_DATE	DATE				Yes	The actual start date of the job
ACTUAL_END_DATE	DATE				Yes	The actual end date of the job
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER				Yes	Who column. Stores the ID of the user who last updated this row.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE				No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2	255			No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE				No	Who column. Stores the date when this row was created in the database.
APP_KEY	VARCHAR2	100			Yes	The application key of the job
NAME_TOKENS	VARCHAR2	1000			Yes	The name tokens, if any, for translating the job name
CREATOR_USER_ROLE	NUMBER		9	0	Yes	The user role of the creator of the job
USER_CREATED	VARCHAR2	1			No	Whether the job was submitted by a user or a system job

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
RESULTS_TASK_FLOW	VARCHAR2	255			Yes	The task flow of the results of the dialog
RESULTS	CLOB				Yes	The results of the job
PERCENT_COMPLETE	NUMBER		3	0	Yes	Percent complete of the job, if the job supports it
PARAMETERS	CLOB				Yes	The parameters of the job

Indexes

Index	Uniqueness	Columns
FCM_SCHEDULER_JOBS_N1	NONUNIQUE	APP_ID, STATUS_ID
FCM_SCHEDULER_JOBS_N2	NONUNIQUE	APP_ID, JOB_CODE, STATUS_ID
FCM_SCHEDULER_JOBS_PK	UNIQUE	JOB_ID

FCM_TEAMS

This table stores the team information.

Details

Object type: TABLE

Primary Key

Name	Columns
FCM_TEAMS_PK	TEAM_ID

Columns

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
TEAM_ID	VARCHAR2	38			No	Team ID, Primary Key
TEAM_NAME	VARCHAR2	80			No	Name of team
TEAM_DESCRIPTION	VARCHAR2	255			Yes	Description of team

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
HAS_PREPARER	VARCHAR2	1			Yes	Flag indicating team has preparer role
HAS_REVIEWER	VARCHAR2	1			Yes	Flag indicating team has reviewer role
HAS_VIEWER	VARCHAR2	1			Yes	Flag indicating team has viewer role
HAS_COMMENTATOR	VARCHAR2	1			Yes	Flag indicating team has commentator role
PRIMARY_USER_ID	VARCHAR2	255			Yes	The user ID of the primary user of the team
DELETED	VARCHAR2	1			Yes	Whether the team has been logically deleted
OBJECT_VERSION_NUMBER	NUMBER		9	0	Yes	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_LOGIN	NUMBER				Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2	255			Yes	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE				Yes	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2	255			Yes	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE				Yes	Who column. Stores the date when this row was created in the database.
HAS_SDM_USER	VARCHAR2	1			Yes	Flag indicating team has SDM User role
HAS_TSS_USER	VARCHAR2	1			Yes	Flag indicating team has TSS User role

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
HAS_FCC_VIEWER	VARCHAR2	1			Yes	Flag indicating team has CM viewer role

Indexes

Index	Uniqueness	Columns
FCM_TEAMS_PK	UNIQUE	TEAM_ID

FCM_TEAM_USERS

This table stores the team user membership.

Details

Object type: TABLE

Primary Key

Name	Columns
FCM_TEAM_USERS_PK	TEAM_ID
FCM_TEAM_USERS_PK	USER_ID

Columns

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
TEAM_ID	VARCHAR2	255			No	Team ID, Primary Key
USER_ID	VARCHAR2	255			No	User ID, Primary Key
LAST_UPDATE_LOGIN	NUMBER				Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2	255			Yes	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATED_DATE	DATE				Yes	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2	255			Yes	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE				Yes	Who column. Stores the date when this row was created in the database.

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	Yes	Used to implement optimistic locking. This number is incremented every time the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Indexes

Index	Uniqueness	Columns
FCM_TEAM_USERS_N1	NONUNIQUE	TEAM_ID
FCM_TEAM_USERS_PK	UNIQUE	TEAM_ID, USER_ID
FCM_USER_TEAMS_N1	NONUNIQUE	USER_ID

FCM_USERS

This table stores user information.

Details

Object type: TABLE

Primary Key

Name	Columns
FCM_USERS_PK	USER_ID

Columns

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FIRST_NAME	VARCHAR2	300			Yes	First name of user
LAST_NAME	VARCHAR2	300			Yes	Last name of user
EXTERNAL_USER	VARCHAR2	1			Yes	Whether user is external
USER_TIMEZONE	VARCHAR2	255			Yes	User's time zone preference
USER_SKIN	VARCHAR2	255			Yes	User's skin preference
USER_AVATAR	BLOB				Yes	User's avatar image

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	Yes	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER				Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2	255			Yes	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE				Yes	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2	255			Yes	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE				Yes	Who column. Stores the date when this row was created in the database.
STATUS_FLAG	VARCHAR2	1			Yes	User's current status. Possible values are A - Available or U - Unavailable (out of office).

Indexes

Index	Uniqueness	Columns
FCM_USERS_PK	UNIQUE	USER_ID

4

Supplemental Data Tables

This section lists the Supplemental Data tables and the related details for each table.

SDM_COMMENT

This table stores comment for different objects of Supplemental Data Manager and Enterprise Journals. For example, Form and Journals.

Details

Object type: TABLE

Primary Key

Table 4-1 Primary Key Table

Constraint Name	Columns
SDM_COMMENT_PK	COMMENT_ID

Columns

Table 4-2 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
COMMENT_ID	NUMBER		18	0	No	Unique identifier of the record.
COMMENT_OWNER_ID	NUMBER		18	0	No	Refers to the object, for which, comment is created. Some examples are: 1. SDM_FORM_INSTANCE. FORM_INSTANCE_ID: for Form
CREATOR_ID	VARCHAR2	255			No	The person who created the comment.

Table 4-2 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
USER_CREATION_DATE	DATE				No	The date of the comment creation.
COMMENT_TEXT	CLOB				Yes	Text of the comment
CREATOR_ROLE	VARCHAR2	35			Yes	Role of the user who commented it.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to. For example,SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.

Table 4-2 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-3 Index Table

Index	Uniqueness	Columns
SDM_COMMENT_PK	UNIQUE	COMMENT_ID
SDM_COMMENT_N1_ONR_ID	NONUNIQUE	COMMENT_OWNER_ID

SDM_CONNECTION

This table stores connection details of other products, for example, HFM.

Details

Object type: TABLE

Primary Key**Table 4-4 Primary Key Table**

Constraint Name	Columns
SDM_CONNECTION_PK	CONNECTION_IDColumns

Columns**Table 4-5 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CONNECTIO N_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the connection as entered by the user.
CLUSTER_N AME	VARCHAR2	255			No	Cluster name of other product.
APPLICATIO N_NAME	VARCHAR2	255			No	Application name of other product.
CONNECTIO N_SOURCE	VARCHAR2	20			No	Indicates the product, for which, connection is created. For example, HFM, FCCS
DESCRIPTIO N	VARCHAR2	255			Yes	Description as entered by the user.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to. For example,SD M:4.

Table 4-5 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-5 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-6 Index Table

Index	Uniqueness	Columns
SDM_CONNECTION_PK	UNIQUE	CONNECTION_ID
SDM_CONNECTION_U1_NAME	NONUNIQUE	SYS_NC00014\$, APP_ID

SDM_CURRENCY

This table stores all currencies of the system.

Details

Object type: TABLE

Primary Key

Table 4-7 Primary Key Table

Constraint Name	Columns
SDM_CURRENCY_PK	CURRENCY_ID

Columns

Table 4-8 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CURRENCY_ID	NUMBER		18	0	No	Unique identifier of the record.
CURRENCY_CODE	VARCHAR2	80			No	Code of the currency.

Table 4-8 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DECIMAL_PLACES	NUMBER		2	0	No	Decimal places to be used for the number of this currency.
CURRENCY_SYMBOL	VARCHAR2	32			No	Symbol of the currency.
USER_CREATED	CHAR	1			No	Indicates whether this currency is created by the user or not. Value is Y or N.
ENABLED	CHAR	1			No	Indicates whether this currency is enabled or not. Value is Y or N.
DESCRIPTION	VARCHAR2	255			Yes	Description of the currency.
SOURCE_ID	NUMBER		18	0	Yes	Currency ID of the source system, for example, FCCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example,SDM:4.

Table 4-8 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-8 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-9 Index Table

Index	Uniqueness	Columns
SDM_CURRENCY_PK	UNIQUE	CURRENCY_ID
SDM_CURRENCY_U1_CODE	UNIQUE	SYS_NC00016\$, APP_ID

SDM_CURRENCY_RATE

This table stores all currency conversion rates by data collection period, rate type.

Details

Object type: TABLE

Primary Key

Table 4-10 Primary Key Table

Constraint Name	Columns
SDM_CURRATE_PK	CURRENCY_RATE_ID

Foreign Key

Table 4-11 Foreign Key Table

Table	Foreign Table	Foreign Key Column
SDM_CURRENCY_RATE	SDM_CURRENCY	TO_CURRENCY_ID
SDM_CURRENCY_RATE	SDM_CURRENCY	FROM_CURRENCY_ID
SDM_CURRENCY_RATE	SDM_CURR_RATE_TYPE	RATE_TYPE_ID
SDM_CURRENCY_RATE	SDM_DATA_COLLECTION_PERIOD	DCP_ID

Columns

Table 4-12 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CURRENCY_RATE_ID	NUMBER		18	0	No	Unique identifier of the record.
DCP_ID	NUMBER		18	0	No	Data Collection Period, for which, conversion rate is stored. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
RATE_TYPE_ID	NUMBER		18	0	No	Rate type of the conversion rate. Refers to RATE_TYPE_ID of SDM_CURRENCY_RATE_TYPE table.
FROM_CURRENCY_ID	NUMBER		18	0	No	From Currency. Refers to CURRENCY_ID of SDM_CURRENCY table.
TO_CURRENCY_ID	NUMBER		18	0	No	To Currency. Refers to CURRENCY_ID of SDM_CURRENCY table.
RATE	NUMBER		29	15	No	Conversion rate.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-12 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-12 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-13 Index Table

Index	Uniqueness	Columns
SDM_CURRATE_N1	NONUNIQUE	DCP_ID, RATE_TYPE_ID
SDM_CURRATE_PK	UNIQUE	CURRENCY_RATE_ID
SDM_CURRATE_U1	UNIQUE	DCP_ID, RATE_TYPE_ID, FROM_CURRENCY_ID, TO_CURRENCY_ID

SDM_CURR_RATE_TYPE

This table stores all currency rate types of the system.

Details

Object type: TABLE

Primary Key

Table 4-14 Primary Key Table

Constraint Name	Columns
SDM_CURRATE_TYPE_PK	RATE_TYPE_ID

Columns

Table 4-15 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
RATE_TYPE_ID	NUMBER		18	0	No	Unique identifier of the record.
RATE_TYPE_NAME	VARCHAR2	80			No	Name of the rate type.

Table 4-15 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
RATE_TYPE_DESC	VARCHAR2	255			Yes	Description of the rate type.
SOURCE_ID	NUMBER		18	0	Yes	Rate Type Id of the source system, for example, FCCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.

Table 4-15 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-16 Index Table

Index	Uniqueness	Columns
SDM_CURRATE_TYPE_PK	UNIQUE	RATE_TYPE_ID
SDM_CURRATE_TYP_U1_NM	UNIQUE	SYS_NC00012\$, APP_ID

SDM_DATA_COLLECTION_PERIOD

This table stores details of data collection periods.

Details

Object type: TABLE

Primary Key

Table 4-17 Primary Key Table

Constraint Name	Columns
SDM_DCP_PK	DCP_ID

Foreign Key

Table 4-18 Foreign Key Table

Table	Foreign Table	Foreign Key Column
SDM_DATA_COLLECTION_PERIOD	SDM_SCENARIO	SCENARIO_ID
SDM_DATA_COLLECTION_PERIOD	SDM_PERIOD	PERIOD_ID
SDM_DATA_COLLECTION_PERIOD	SDM_YEAR	YEAR_ID
SDM_DATA_COLLECTION_PERIOD	SDM_DC_INTERVAL	DCI_ID

Columns

Table 4-19 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DCP_ID	NUMBER		18	0	No	Unique identifier of the record.
DCI_ID	NUMBER		18	0	No	Interval, to which, this record belongs. Refers to DCI_ID of SDM_DC_INTERVAL table.
YEAR_ID	NUMBER		18	0	No	Year of this data collection period. Refers to YEAR_ID of SDM_YEAR table.

Table 4-19 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
PERIOD_ID	NUMBER		18	0	No	Period of this data collection period. Refers to PERIOD_ID of SDM_PERIOD table.
STATUS	VARCHAR2	40			No	Status of the data collection period. e.g. Pending, Open, Closed, Locked.
SCENARIO_ID	NUMBER		18	0	Yes	Scenario of this data collection period. Refers to DYNAMIC_DATA_ID of SDM_SCENARIO table.
DCP_CUSTOM1	NUMBER		18	0	Yes	Custom dimension of this data collection period. Refers to primary key of one of the dimensions table.
DCP_CUSTOM2	NUMBER		18	0	Yes	Custom dimension of this data collection period. Refers to primary key of one of the dimensions table.
START_DATE	DATE				Yes	Start date of this data collection period.
END_DATE	DATE				Yes	End date of this data collection period.

Table 4-19 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CLOSE_DATE	DATE				Yes	Close date of this data collection period.
COMPOSITE_INSTANCE_ID	VARCHAR2	20			Yes	Indicates SOA scheduler composite instance id.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.

Table 4-19 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-20 Index Table

Index	Uniqueness	Columns
SDM_DCP_PK	UNIQUE	DCP_ID
SDM_DCP_U1_YPSCUSTOM	UNIQUE	DCI_ID, YEAR_ID, PERIOD_ID, SCENARIO_ID, DCP_CUSTOM1, DCP_CUSTOM2

SDM_DATA_SET

This table stores all data sets of the system.

Details

Object type: TABLE

Primary Key

Table 4-21 Primary Key Table

Constraint Name	Columns
SDM_DS_PK	DATA_SET_ID

Foreign Key

Table 4-22 Foreign Key Table

Table	Foreign Table	Foreign Key Column
SDM_DATA_SET	SDM_DC_INTERVAL	DCI_ID
SDM_DATA_SET	SDM_DATA_SET	MASTER_ID

Columns

Table 4-23 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DATA_SET_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the data set.
DCI_ID	NUMBER		18	0	No	Interval, to which, this record belongs. Refers to DCI_ID of SDM_DC_INTERVAL table.
IS_SUB_COLLECTION	CHAR	1			No	Indicates whether this data set is Sub-Collection or not.
IS_SHARED_DATA	CHAR	1			No	Indicates whether the data is shared across templates.

Table 4-23 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
IS_TRANSLA TABLE	CHAR	1			No	Indicates whether name should be translated for display or not.
INTERNAL_I D	VARCHAR2	100			Yes	Internal id for the object. Used primarily in LCM.
DESCRIPTIO N	VARCHAR2	1000			Yes	Description of the data set.
DB_TABLE_ NAME	VARCHAR2	50	18	0	Yes	For each data set, one table is created dynamically to store the data. This field indicates the database table name.
DB_TABLE_ NAME2	VARCHAR2	50			Yes	For each data set, one association table is created dynamically to store association between data and form instance. This field indicates the database table name.

Table 4-23 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
MASTER_ID	NUMBER		18	0	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
IS_MASTER_MODIFIED	CHAR	1			Yes	Indicates whether master record is modified after deploy. This field is applicable for copy records only. It will always be NULL for master record.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-23 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-23 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-24 Index Table

Index	Uniqueness	Columns
SDM_DS_PK	UNIQUE	DATA_SET_ID
SDM_DS_U1_NAME_DCP	UNIQUE	SYS_NC00021\$, DCP_ID, APP_ID
SDM_DS_U2_MASTER_DCP	UNIQUE	MASTER_ID, DCP_ID
SDM_DS_U3_INTERNAL_ID	UNIQUE	SYS_NC00022\$, DCP_ID, APP_ID

SDM_DATA_SET_ASSOC

This table stores association of data sets.

Details

Object type: TABLE

Primary Key

Table 4-25 Primary Key Table

Constraint Name	Columns
SDM_DSASSOC_PK	DS_ASSOC_ID

Foreign Key

Table 4-26 Foreign Key Table

Table	Foreign Table	Foreign Key Column
SDM_DATA_SET_ASSOC	SDM_DATA_SET	CHILD_DS_ID
SDM_DATA_SET_ASSOC	SDM_DATA_SET	PARENT_DS_ID

Columns

Table 4-27 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DS_ASSOC_ID	NUMBER		18	0	No	Unique identifier of the record.
PARENT_DS_ID	NUMBER		18	0	No	Parent Data Set Id. Refers to DATA_SET_ID of SDM_DATA_SET table.
CHILD_DS_ID	NUMBER		18	0	No	Child Data Set Id. Refers to DATA_SET_ID of SDM_DATA_SET table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-27 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-28 Index Table

Index	Uniqueness	Columns
SDM_DSASSOC_PK	UNIQUE	DS_ASSOC_ID
SDM_DSASSOC_U1_PARNTCHILDID	UNIQUE	PARENT_DS_ID, CHILD_DS_ID

SDM_DATA_SET_CLMN_LIST_VAL

This table stores all list values of data set attribute, when data type of attribute is List.

Details

Object type: TABLE

Primary Key

Table 4-29 Primary Key Table

Constraint Name	Columns
SDM_DS_CLMN_LSTVAL_PK	DATASET_COLUMN_LIST_VAL_ID

Foreign Key

Table 4-30 Foreign Key Table

Table	Foreign Table	Foreign Key Column
SDM_DATA_SET_CLMN_LIST_VAL	SDM_DATA_SET_COLUMN	DATA_SET_COLUMN_ID

Columns

Table 4-31 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DATASET_COLUMN_LIST_VAL_ID	NUMBER		18	0	No	Unique identifier of the record.
DATA_SET_COLUMN_ID	NUMBER		18	0	No	Data Set attribute, to which, this list belongs. Refers to DATA_SET_COLUMN_ID of SDM_DATA_SET_COLUMN table.
LIST_VALUE	VARCHAR2	255			No	Value of the list.
LIST_ORDER	NUMBER		4	0	No	Indicates the order, in which, list should be displayed.

Table 4-31 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
MASTER_ID	NUMBER		18	0	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTIO N_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-31 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-31 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-32 Index Table

Index	Uniqueness	Columns
SDM_DS_CLMN_LSTVAL_PK	UNIQUE	DATASET_COLUMN_LIST_VAL_ID
SDM_DS_CLMN_LST_U1_CID_LST	UNIQUE	DATA_SET_COLUMN_ID, SYS_NC00014\$
SDM_DS_CLMN_LST_U2_MSTR_DCP	UNIQUE	MASTER_ID, DCP_ID

SDM_DATA_SET_COLUMN

This table stores all attributes of each data set.

Details

Object type: TABLE

Primary Key

Table 4-33 Primary Key Table

Constraint Name	Columns
SDM_DS_CLMN_PK	DATA_SET_COLUMN_ID

Foreign Key

Table 4-34 Foreign Key Table

Table	Foreign Table	Foreign Key Column
SDM_DATA_SET_COLUMN	SDM_DATA_SET_COLUMN	MASTER_ID
SDM_DATA_SET_COLUMN	SDM_DIMENSION	DIMENSION_ID
SDM_DATA_SET_COLUMN	SDM_DIMENSION_ATTRIBUTE	DIMENSION_ATTRIBUTE_ID
SDM_DATA_SET_COLUMN	SDM_CURRENCY	CURRENCY_ID
SDM_DATA_SET_COLUMN	SDM_DATA_SET	DATA_SET_ID

Columns

Table 4-35 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DATA_SET_COLUMN_ID	NUMBER		18	0	No	Unique identifier of the record.
DATA_SET_ID	NUMBER		18	0	No	Data Set, to which, this attribute belongs. Refers to DATA_SET_ID of SDM_DATA_SET table.
NAME	VARCHAR2	80			No	Name of the attribute.
DATA_TYPE	VARCHAR2	20			No	Data Type of the attribute. e.g. Date, Date/Time, List, Integer, Number, Text, Boolean.
COLUMN_TYPE	VARCHAR2	25			No	Type of the attribute, for example, Input, Calculated, Reference.
COLUMN_TYPE_INTERNAL	VARCHAR2	30			No	Internal Type of the attribute, for example, Year, Period, Scenario, Entity, DimensionReference, UserDefined.
TEXT_LINES	NUMBER		2	0	Yes	Number of lines for Multi-Line Text attribute.

Table 4-35 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
IS_REQUIRED	CHAR	1			No	Indicates whether this attribute is mandatory during data entry or not. Value is Y or N.
IS_KEY	CHAR	1			No	Indicates whether this attribute is a key or not. Value is Y or N.
IS_DCU	CHAR	1			No	Indicates whether this attribute participates in Data Collection Unit or not. Value is Y or N.
IS_ASSIGN_WORKFLOW	CHAR	1			No	Indicates whether this attribute participates in workflow assignment or not. Value is Y or N.
IS_DEFAULT	CHAR	1			No	Indicates whether this attribute is coming, by default, from dimension or not. Value is Y or N.
IS_TRANSLATE	CHAR	1			No	Indicates whether name should be translated for display or not.

Table 4-35 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
USE_DEFAULT_VALUE	CHAR	1			No	Indicates whether default value should be used or not. Default value is stored in DEFAULT_VALUE column. Value is Y or N.
COLUMN_ORDER	NUMBER		4	0	No	Indicates the order, in which, attributes should be displayed.
INTERNAL_ID	VARCHAR2	100			No	Internal id for the object. Used primarily in LCM.
INTERVAL_DIM_TYPE	VARCHAR2	15			Yes	Internal Dimension Type of the attribute, for example, DCIFrequency, DCIWorkflow
DESCRIPTION	VARCHAR2	1000			Yes	Description of the attribute.
DEFAULT_VALUE	VARCHAR2	2000			Yes	If USE_DEFAULT_VALUE is Y and DATA_TYPE is Text, YesNo, TrueFalse or List then corresponding default value is stored here.

Table 4-35 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DEFAULT_VALUE_NUM	NUMBER		29	12	Yes	If USE_DEFAULT_VALUE is Y and DATA_TYPE is Integer or Number then corresponding default value is stored here.
DEFAULT_VALUE_DATE	DATE				Yes	If USE_DEFAULT_VALUE is Y and DATA_TYPE is Date or DateTime then corresponding default value is stored here.
TOTALING_METHOD	VARCHAR2	40			Yes	Indicates totaling method for Integer and Number type of attributes, for example, Sum, Average, Count, None.
DECIMAL_PLACES	NUMBER		2	0	Yes	Indicates number of decimal places when data type of the attribute is Number.
USE_THOUSAND_SEPARATOR	CHAR	1			Yes	Indicates whether thousand separator should be used to display a number or not. Value is Y or N.

Table 4-35 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
IS_PERCENT AGE	CHAR	1			Yes	Indicates whether it should be displayed as percentage or not. Value is Y or N.
USE_ENTITY_ CURRENCY	CHAR	1			Yes	Indicates whether to use the Currency, which is associated with the entity or not.
CURRENCY_ ID	NUMBER		18	0	Yes	For Number type of attribute, indicates the currency. Refers to CURRENCY_ID of SDM_CURRENCY table.
NEGATIVE_ NUMBER_ FORMAT	VARCHAR2	10			Yes	Indicates format of negative number display, for example, -123 or (123)
NUMBER_ SCALE	VARCHAR2	15			Yes	For Number type of attribute, indicates the scale to be applied, for example, 1000, 10000 etc.

Table 4-35 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DIMENSION_ATTRIBUTE_ID	NUMBER		18	0	Yes	When attribute comes from dimension, it refers to corresponding dimension attribute id. Refers to DIMENSION_ATTRIBUTE_ID of SDM_DIMENSION_ATTRIBUTE table.
DIMENSION_ID	NUMBER		18	0	Yes	When attribute comes from dimension, it refers to corresponding dimension id. Refers to DIMENSION_ID of SDM_DIMENSION table.
REF_DIM_IS_KEY	CHAR	1			Yes	When attribute comes from dimension, it indicates whether this dimension attribute is also a key attribute in the referenced dimension or not. Value is Y or N.
FILTER_ID	NUMBER		18	0	Yes	Refers to the Id of all validations of this attribute.

Table 4-35 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CALCULATION_ID	NUMBER		18	0	Yes	Refers to the Id of all calculations of this attribute.
DB_COLUMN_NAME	VARCHAR2	100			Yes	For each data set, one table is created dynamically to store the data. This field indicates the database column name, where, value of this attribute is stored.
MASTER_ID	NUMBER		18	0	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.

Table 4-35 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.

Table 4-35 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-36 Index Table

Index	Uniqueness	Columns
SDM_DS_CLMN_PK	UNIQUE	DATA_SET_COLUMN_ID
SDM_DS_CLMN_LST_U1_CID_LIST	UNIQUE	DATA_SET_ID, SYS_NC00044\$
SDM_DS_CLMN_LST_U2_MSTR_DCP	UNIQUE	MASTER_ID, DCP_ID
SDM_DS_CLMN_U3_INTERNAL_ID	UNIQUE	DATA_SET_ID, SYS_NC00045\$

SDM_DCI_DIMENSION

This table stores all dimension information of the interval.

Details

Object type: TABLE

Primary Key

Table 4-37 Primary Key Table

Constraint Name	Columns
SDM_DCI_DIM_PK	DCI_DIMENSION_ID

Foreign Key

Table 4-38 Foreign Key Table

Table	Foreign Table	Foreign Key Column
SDM_DCI_DIMENSION	SDM_DIMENSION	DIMENSION_ID
SDM_DCI_DIMENSION	SDM_DC_INTERVAL	DCI_ID

Columns

Table 4-39 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DCI_DIMENSION_ID	NUMBER		18	0	No	Unique identifier of the record.
DCI_ID	NUMBER		18	0	No	Interval, to which, this dimension belongs. Refers to DCI_ID of SDM_DC_INTERVAL table.
DCI_DIMENSION_TYPE	VARCHAR2	15			No	Type of the interval dimension, for example, DCIFrequency, DCIWorkflow.
DIMENSION_ID	NUMBER		18	0	No	Indicates dimension, which is associated with this interval. Refers to DIMENSION_ID of SDM_DIMENSION table.
DIMENSION_TYPE	VARCHAR2	30			No	Indicates dimension type. This is same as DIMENSION_TYPE of SDM_DIMENSION.

Table 4-39 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DIMENSION_ORDER	NUMBER		4	0	No	Indicates the order, in which, dimensions should be displayed.
DB_TABLE_NAME	VARCHAR2	50			Yes	Indicates table name of dimension. This is same as DB_TABLE_NAME of SDM_DIMENSION.
DCI_COLUMN_NAME	VARCHAR2	20			Yes	Stores the custom column name of SDM_DATA_COLLECTION_PERIOD and SDM_FORM_DCU, which is used for this dimension.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-39 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-39 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-40 Index Table

Index	Uniqueness	Columns
SDM_DCI_DIM_PK	UNIQUE	DCI_DIMENSION_ID
SDM_DCI_DIM_U1_DCIDIMID	UNIQUE	DCI_ID, DIMENSION_ID

SDM_DC_INTERVAL

This table stores all Data Collection Interval of the system.

Details

Object type: TABLE

Primary Key

Table 4-41 Primary Key Table

Constraint Name	Columns
SDM_DCI_PK	DCI_ID

Columns

Table 4-42 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DCI_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the interval.

Table 4-42 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
INTERVAL_T YPE	VARCHAR2	20			No	Type of the interval, for example, Default, UserDefined .
DESCRIPTIO N	VARCHAR2	500			Yes	Description of the interval.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VE RSION_NUM BER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDA TE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.

Table 4-42 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-43 Index Table

Index	Uniqueness	Columns
SDM_DCI_PK	UNIQUE	DCI_ID
SDM_DCI_U1_NAME	UNIQUE	SYS_NC00012\$, APP_ID

SDM_DIMENSION

This table stores all dimensions of the system.

Details

Object type: TABLE

Primary Key**Table 4-44 Primary Key Table**

Constraint Name	Columns
SDM_DIMENSION_PK	DIMENSION_ID

Columns**Table 4-45 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DIMENSION_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the dimension.
DIMENSION_TYPE	VARCHAR2	30			No	Type of the dimension, for example, Scenario, Entity, UserDefined .
IS_DATASET_DEFAULT	CHAR	1			No	Indicates whether this dimension should be included by default in new data set or not. Value is Y or N.
DESCRIPTION	VARCHAR2	1000			Yes	Description of the dimension.
IMPORT_SOURCE	VARCHAR2	20			Yes	In case of imported dimension, it indicates the source system, for example, HFM.

Table 4-45 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DB_TABLE_NAME	VARCHAR2	50			Yes	For each dimension, one table is created dynamically to store the members. This field indicates the database table name.
SOURCE_ID	NUMBER		18	0	Yes	Dimension Id of the source system, for example, FCCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-45 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-46 Index Table

Index	Uniqueness	Columns
SDM_DIMENSION_PK	UNIQUE	DIMENSION_ID
SDM_DIMENSION_U1_NAME	UNIQUE	SYS_NC00016\$, APP_ID

SDM_DIMENSION_ATTRIBUTE

This table stores all attributes of each dimension.

Details

Object type: TABLE

Primary Key

Table 4-47 Primary Key Table

Constraint Name	Columns
SDM_DIM_ATTRIB_PK	DIMENSION_ATTRIBUTE_ID

Details

Object type: TABLE

Foreign Key

Table 4-48 Foreign Key Table

Table	Foreign Table	Foreign Key Column
SDM_DIMENSION_ATTRIBUTE	SDM_DIMENSION_ATTRIBUTE	REFERENCE_ATTRIB_ID
SDM_DIMENSION_ATTRIBUTE	SDM_DIMENSION	DIMENSION_ID

Columns

Table 4-49 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DIMENSION_ATTRIBUTE_ID	NUMBER		18	0	No	Unique identifier of the record.
DIMENSION_ID	NUMBER		18	0	No	Dimension, to which, this attribute belongs. Refers to DIMENSION_ID of SDM_DIMENSION table.
NAME	VARCHAR2	80			No	Name of the attribute.

Table 4-49 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DATA_TYPE	VARCHAR2	20			No	Data Type of the attribute, for example, Date, Date/Time, List, Integer, Number, Text, Boolean.
IS_KEY	CHAR	1			No	Indicates whether this attribute is a key or not. Value is Y or N.
USE_DEFAULT_VALUE	CHAR	1			No	Indicates whether default value should be used or not. Default value is stored in DEFAULT_VALUE column. Value is Y or N.
ATTRIBUTE_ORDER	NUMBER		4	0	No	Indicates the order, in which, attributes should be displayed.
ATTRIBUTE_INTERNAL	VARCHAR2	40			No	Indicates type of the attribute, for example, ScenarioName, ScenarioDescription, EntityName, EntityDescription, EntityCurrency, UserDefined.

Table 4-49 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DESCRIPTION	VARCHAR2	1000			Yes	Description of the attribute.
DEFAULT_VALUE	VARCHAR2	1000			Yes	If USE_DEFAULT_VALUE is Y and DATA_TYPE is Text, YesNo, TrueFalse or List then corresponding default value is stored here.
DEFAULT_VALUE_NUM	NUMBER		29	12	Yes	If USE_DEFAULT_VALUE is Y and DATA_TYPE is Integer or Number then corresponding default value is stored here.
DEFAULT_VALUE_DATE	DATE				Yes	If USE_DEFAULT_VALUE is Y and DATA_TYPE is Date or DateTime then corresponding default value is stored here.
DECIMAL_PLACES	NUMBER		2	0	Yes	Indicates number of decimal places when data type of the attribute is Number.

Table 4-49 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
USE_THOUSAND_SEPARATOR	CHAR	1			Yes	Indicates whether thousand separator should be used to display a number or not. Value is Y or N.
IS_PERCENTAGE	CHAR	1			Yes	Indicates whether it should be displayed as percentage or not. Value is Y or N.
NEGATIVE_NUMBER_FORMAT	VARCHAR2	10			Yes	Indicates format of negative number display, for example, -123 or (123)
REFERENCE_ATTRIBUT_ID	NUMBER		18	0	Yes	When attribute references attribute of another dimension. Refers to DIMENSION_ATTRIBUTE_ID of SDM_DIMENSION_ATTRIBUTE table.

Table 4-49 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DB_COLUMN_NAME	VARCHAR2	100			Yes	For each dimension, one table is created dynamically to store the members. This field indicates the database column name, where, value of this attribute is stored.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-49 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-50 Index Table

Index	Uniqueness	Columns
SDM_DIM_ATTRIB_PK	UNIQUE	DIMENSION_ATTRIBUTE_ID
SDM_DIM_ATTRIB_U1_DIM_NAME	UNIQUE	DIMENSION_ID, SYS_NC00026\$

SDM_DIM_ATTRIBUTE_LIST_VAL

This table stores all list values of dimension attribute, when data type of attribute is List.

Details

Object type: TABLE

Primary Key**Table 4-51 Primary Key Table**

Constraint Name	Columns
SDM_DIM_ATTR_LSTVAL_PK	DIMENSION_ATTRIB_LIST_VAL_ID

Foreign Key**Table 4-52 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_DIM_ATTRIBUTE_LIST_VAL	SDM_DIMENSION_ATTRIBUTE	DIMENSION_ATTRIBUTE_ID

Columns**Table 4-53 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DIMENSION_ATTRIB_LIST_VAL_ID	NUMBER		18	0	No	Unique identifier of the record.
DIMENSION_ATTRIBUTE_ID	NUMBER		18	0	No	Dimension attribute, to which, this list belongs. Refers to DIMENSION_ATTRIBUTE_ID of SDM_DIMENSION_ATTRIBUTE table.
LIST_VALUE	VARCHAR2	255			No	Value of the list.
LIST_ORDER	NUMBER		4	0	No	Indicates the order, in which, list should be displayed.

Table 4-53 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.

Table 4-53 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-54 Index Table

Index	Uniqueness	Columns
SDM_DIM_ATTR_LSTVAL_PK	UNIQUE	DIMENSION_ATTRIB_LIST_VAL_ID
SDM_DIM_ATTRIB_LST_U1_AID_LST	UNIQUE	DIMENSION_ATTRIBUTE_ID, SYS_NC00012\$

SDM_DIM_AUTOGEN_ID

This table stores number, to be used, for auto generation of dimension member ID.

Primary Key

Table 4-55 Primary Key Table

Constraint Name	Columns
SDM_DIM_AUTO_ID_PK	DIM_AUTOGEN_ID

Foreign Key**Table 4-56 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_DIM_AUTOGEN_ID	SDM_DIMENSION	DIMENSION_ID

Columns**Table 4-57 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DIM_AUTOGEN_ID	NUMBER		18	0	No	Unique identifier of the record.
DIMENSION_ID	NUMBER		18	0	No	Dimension, to which, this number belongs.
MBR_LAST_USED_NUM	NUMBER		12	0	No	Last used number. This number should be incremented by 1 before using to generate new member ID.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-57 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-57 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-58 Index Table

Index	Uniqueness	Columns
SDM_DIM_AUTO_ID_PK	UNIQUE	DIM_AUTOGEN_ID
SDM_DIMAUTO_U1_DIMID	UNIQUE	DIMENSION_ID

SDM_ENTITY

This table stores all members of entity dimension. This table may be changed at runtime.

Primary Key

Table 4-59 Primary Key Table

Constraint Name	Columns
SDM_ENTITY_PK	DYNAMIC_DATA_ID

Foreign Key

Table 4-60 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_ENTITY	SDM_CURRENCY	CURRENCY_ID

Columns

Table 4-61 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DYNAMIC_DATA_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the member.

Table 4-61 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CURRENCY_ID	NUMBER		18	0	No	Indicates default currency for the entity. Refers to CURRENCY_ID of SDM_CURRENCY table.
DESCRIPTION	VARCHAR2	255			No	Description of the member.
SOURCE_ID	NUMBER		18	0	Yes	Entity member ID of the source system, for example, FCCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-61 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-62 Index Table

Index	Uniqueness	Columns
SDM_ENTITY_PK	UNIQUE	DYNAMIC_DATA_ID

SDM_FORM

This table stores all form and journal templates of the system.

Primary Key**Table 4-63 Primary Key Table**

Constraint Name	Columns
SDM_FORM_PK	FORM_ID

Foreign Key**Table 4-64 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_FORM	SDM_FREQUENCY	FREQUENCY_ID
SDM_FORM	SDM_SCENARIO	SCENARIO_ID
SDM_FORM	SDM_DC_INTERVAL	DCI_ID
SDM_FORM	SDM_TARGET	TARGET_ID
SDM_FORM	SDM_FORM	MASTER_ID

Columns**Table 4-65 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the form template.
DCI_ID	NUMBER		18	0	No	Interval, to which, this record belongs. Refers to DCI_ID of SDM_DC_INTERVAL table.
ALLOW_ADHOC_INSTANCE	CHAR	1			No	Indicates whether Ad-hoc form instance creation is permitted.
LOCK_DATA_AFTER_POST	CHAR	1			No	Indicates whether data should be locked once form or journal is posted.

Table 4-65 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
SCENARIO_ID	NUMBER		18	0	Yes	Scenario, to which, this form template belongs. Refers to DYNAMIC_DATA_ID of SDM_SCENARIO table.
DESCRIPTION	VARCHAR2	1000			Yes	Description of the form template.
TARGET_ID	NUMBER		18	0	Yes	
FREQUENCY_ID	NUMBER		18	0	Yes	
SCHEDULE_OPTION	VARCHAR2	80			Yes	Indicates the data collection period date, from which, start date of the form should be calculated, for example, End Date or Close Date
START_DAY_OFFSET	NUMBER		4	0	Yes	Indicates the offset from End Date or Close Date to calculate start date of the form.

Table 4-65 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
WORKFLOW_OPTION	VARCHAR2	80			Yes	Indicates the workflow option to be used for form, for example, Prepare, Prepare->Approve, Prepare->Approve->Post, Prepare->Post, Post
APPROVAL_LEVEL	NUMBER		4	0	Yes	Number of level of approvals, required for the form.
PREPARER_DURATION	NUMBER		4	0	Yes	Number of days available to the preparer to work on the form.
APPROVER_DURATION	NUMBER		4	0	Yes	Number of days available to each approver to work on the form.
INTEGRATOR_DURATION	NUMBER		4	0	Yes	Number of days available to the integrator to work on the form.
WF_USER_VIEW_OPTION	VARCHAR2	40			Yes	Indicates when workflow user can view the form and data, for example, Always, Workflow.

Table 4-65 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
MASTER_ID	NUMBER		18	0	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
IS_MASTER_MODIFIED	CHAR	1			Yes	Indicates whether master record is modified after deploy. This field is applicable for copy records only. It will always be NULL for master record.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-65 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-65 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-66 Index Table**

Index	Uniqueness	Columns
SDM_FORM_PK	UNIQUE	FORM_ID
SDM_FORM_U2_MASTER_DCP	UNIQUE	MASTER_ID, DCP_ID
SDM_FORM_U1_NM_SNRIO_DCP	UNIQUE	SYS_NC00028\$, SCENARIO_ID, DCP_ID, APP_ID

SDM_FORM_ACCESS

This table stores all user information for data collection units of form and journal template.

Primary Key**Table 4-67 Primary Key Table**

Constraint Name	Columns
SDM_FRM_ACCESS_PK	FORM_ACCESS_ID

Foreign Key**Table 4-68 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_FORM_ACCESS	SDM_FORM_DCU	FORM_DCU_ID
SDM_FORM_ACCESS	SDM_FORM	FORM_ID

Columns

Table 4-69 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_ACCE SS_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_ID	NUMBER		18	0	No	Form template, to which, this user belongs. Refers to FORM_ID of SDM_FORM table.
FORM_DCU_ ID	NUMBER		18	0	No	Data Collection Unit, to which, this user belongs. Refers to FORM_DCU_ID of SDM_FORM_DCU table.
USER_ID	VARCHAR2	255			No	ID of specific user.
ACCESS_TYP E	VARCHAR2	30			No	Indicates type of the user, for example, Preparer, Approver, Integrator, Viewer
USER_TYPE	CHAR	1			No	Indicates type of the user. U=User, G=Group, T=Team
ACCESS_LEV EL	NUMBER		3	0	Yes	Indicates the order, in which, user need to take action on the form. It starts with 0.

Table 4-69 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
VIEW_OPTION	VARCHAR2	40			Yes	Indicates when viewer type of user can view the data, for example, Always, After Submission, After Approval
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-69 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-70 Index Table

Index	Uniqueness	Columns
SDM_FRM_ACCESS_PK	UNIQUE	FORM_ACCESS_ID
SDM_FRM_ACES_N1_FRMID	NONUNIQUE	FORM_ID

SDM_FORM_COLUMN

This table stores all attributes of section for detailed view.

Primary Key

Table 4-71 Primary Key Table

Constraint Name	Columns
SDM_FORM_COLUMN_PK	FORM_COLUMN_ID

Foreign Key

Table 4-72 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_COLUMN	SDM_CONNECTION	CONNECTION_ID
SDM_FORM_COLUMN	SDM_DATA_SET_COLUMN	DATA_SET_COLUMN_ID
SDM_FORM_COLUMN	SDM_FORM_SECTION	FORM_SECTION_ID

Columns

Table 4-73 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_COLUMN_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_SECTION_ID	NUMBER		18	0	No	Section, to which, this attribute belongs. Refers to FORM_SECTION_ID of SDM_FORM_SECTION table.
DATA_SET_COLUMN_ID	NUMBER		18	0	No	Indicates data set attribute, which is included in this section. Refers to DATA_SET_COLUMN_ID of SDM_DATA_SET_COLUMN table.

Table 4-73 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
VIEW_ONLY	CHAR	1			No	Indicates whether this attribute is view only or not. Value is Y or N. If value is Y then user cannot enter any data for this attribute.
COLUMN_ORDER	NUMBER		4	0	No	Indicates the order, in which, attributes should be displayed.
DISPLAY_WIDTH_OPTION	VARCHAR2	20			No	Indicates the option chosen for display width, to be used to display this attribute in FAP. Small - 50, Medium - 100, Large - 300, SizeToFit, Custom.
DISPLAY_WIDTH	NUMBER		3	0	Yes	Indicates width in pixel for Custom option, to be used to display this attribute in FAP.
DISPLAY_COLUMN_NUMBER	NUMBER	40			Yes	This indicates the layout column number in which attribute should be displayed.

Table 4-73 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CONNECTIO N_ID	NUMBER		18	0	Yes	Indicates connection detail to another system. Refers to CONNECTIO N_ID of SDM_CONN ECTION table.
TOT_VALID ATION_POV	VARCHAR2	2000			Yes	Indicates POV of target system, from which, data should be pulled for validation.
PLAN_TYPE _NAME	VARCHAR2	80			Yes	Indicates the name of the plan type under which the POV is defined.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_ COLLECTIO N_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-73 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-73 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-74 Index Table

Index	Uniqueness	Columns
SDM_FORM_COLUMN_PK	UNIQUE	FORM_COLUMN_ID
SDM_FORM_CLMN_U1_SCTN_D SCLMN	UNIQUE	FORM_SECTION_ID, DATA_SET_COLUMN_I

SDM_FORM_DCU

This table stores all Data Collection Units of the form and journal template.

Primary Key

Table 4-75 Primary Key Table

Constraint Name	Columns
SDM_FRM_DCU_PK	FORM_DCU_ID

Foreign Key

Table 4-76 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_DCU	SDM_ENTITY	ENTITY_ID
SDM_FORM_DCU	SDM_FORM	FORM_ID

Columns

Table 4-77 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_DCU_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-77 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_ID	NUMBER		18	0	No	Form template, to which, this Data Collection Unit belongs. Refers to FORM_ID of SDM_FORM table.
IS_ADHOC	CHAR	1			No	Indicates whether this DCU was created by regular deploy or ad-hoc creation by preparer.
ENTITY_ID	NUMBER		18	0	Yes	Entity information of this Data Collection Unit. Refers to DYNAMIC_DATA_ID of SDM_ENTITY table.
DCU_CUSTOM1	NUMBER		18	0	Yes	Custom dimension of this Data Collection Unit. Refers to primary key of one of the dimensions table.
DCU_CUSTOM2	NUMBER		18	0	Yes	Custom dimension of this Data Collection Unit. Refers to primary key of one of the dimensions table.

Table 4-77 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DCU_CUSTO M3	NUMBER		18	0	Yes	Custom dimension of this Data Collection Unit. Refers to primary key of one of the dimensions table.
DCU_CUSTO M4	NUMBER		18	0	Yes	Custom dimension of this Data Collection Unit. Refers to primary key of one of the dimensions table.
DCU_CUSTO M5	NUMBER		18	0	Yes	Custom dimension of this Data Collection Unit. Refers to primary key of one of the dimensions table.
APPROVAL_ LEVEL	NUMBER	80			Yes	Stores the Approval Levels for DCU. Allows to track approval level when overridden for Ad-hoc DCU.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.

Table 4-77 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.

Table 4-77 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-78 Index Table

Index	Uniqueness	Columns
SDM_FRM_DCU_PK	UNIQUE	FORM_DCU_ID
SDM_FRM_DCU_N1_FRMID	NONUNIQUE	FORM_ID
SDM_FRM_DCU_U1_ENTT_CUSTOM	UNIQUE	FORM_ID, ENTITY_ID, DCU_CUSTOM1, DCU_CUSTOM2, DCU_CUSTOM3, DCU_CUSTOM4, DCU_CUSTOM5

SDM_FORM_DEPLOY

This table stores detail of form and journal template deployment to Data Collection Period.

Primary Key

Table 4-79 Primary Key Table

Constraint Name	Columns
SDM_FORM_DEPLOY_PK	FORM_DEPLOY_ID

Foreign Key

Table 4-80 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_DEPLOY	SDM_DATA_COLLECTION_PERIOD	DCP_ID
SDM_FORM_DEPLOY	SDM_FORM	FORM_ID

Columns

Table 4-81 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_DEPLOY_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_ID	NUMBER		18	0	No	Form template, which is deployed. Refers to FORM_ID of SDM_FORM table.
DCP_ID	NUMBER		18	0	No	Data Collection Period, to which, form template is deployed. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
DEPLOY_STATUS	VARCHAR2	30			No	Status of deployment, for example, Deployed, ReDeployed.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-81 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-81 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-82 Index Table

Index	Uniqueness	Columns
SDM_FORM_DEPLOY_PK	UNIQUE	FORM_DEPLOY_ID
SDM_FRM_DPLY_U1_FRM_DCP	UNIQUE	FORM_ID, DCP_ID

SDM_FORM_GROUP_BY

This table stores all attributes of section for summary view.

Primary Key

Table 4-83 Primary Key Table

Constraint Name	Columns
SDM_FORM_GROUPBY_PK	FORM_GROUPBY_ID

Foreign Key

Table 4-84 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_GROUP_BY	SDM_DATA_SET_COLUMN	DATA_SET_COLUMN_ID
SDM_FORM_GROUP_BY	SDM_FORM_SECTION	FORM_SECTION_ID

Columns

Table 4-85 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_GROUPBY_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-85 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_SECTION_ID	NUMBER		18	0	No	Section, to which, this attribute belongs. Refers to FORM_SECTION_ID of SDM_FORM_SECTION table.
DATA_SET_COLUMN_ID	NUMBER		18	0	No	Indicates data set attribute, which is included in this section. Refers to DATA_SET_COLUMN_ID of SDM_DATA_SET_COLUMN table.
GROUP_BY	CHAR	1			No	Indicates whether grouping should be done on this attribute or not. Value is Y or N.
COLUMN_ORDER	NUMBER		4	0	No	Indicates the order, in which, attributes should be displayed.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, form template is deployed. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.

Table 4-85 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.

Table 4-85 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-86 Index Table

Index	Uniqueness	Columns
SDM_FORM_GROUPBY_PK	UNIQUE	FORM_GROUPBY_ID
SDM_FORM_GB_U1_SCTN_DSC_LMN	UNIQUE	FORM_SECTION_ID, DATA_SET_COLUMN_ID

SDM_FORM_INSTANCE

This table stores all forms/journals of the system.

Primary Key

Table 4-87 Primary Key Table

Constraint Name	Columns
SDM_FRM_INS_PK	FORM_INSTANCE_ID

Foreign Key

Table 4-88 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_INSTANCE	SDM_CURRENCY	ENTITY_CURRENCY_ID

Table 4-88 (Cont.) Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_INSTANCE	SDM_FORM	FORM_ID
SDM_FORM_INSTANCE	SDM_FORM_DCU	FORM_DCU_ID
SDM_FORM_INSTANCE	SDM_DATA_COLLECTION_PERIOD	DCP_ID
SDM_FORM_INSTANCE	SDM_FORM_DEPLOY	FORM_DEPLOY_ID

Columns

Table 4-89 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_INSTANCE_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_DEPLOY_ID	NUMBER		18	0	No	Deployment , to which, this form belongs. Refers to FORM_DEPLOY_ID of SDM_FORM_DEPLOY table.
DCP_ID	NUMBER		18	0	No	Data Collection Period, to which, this form belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
FORM_DCU_ID	NUMBER		18	0	No	Data Collection Unit, to which, this form belongs. Refers to FORM_DCU_ID of SDM_FORM_DCU table.

Table 4-89 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_ID	NUMBER		18	0	No	Copy of Form template, to which, this form belongs. Refers to FORM_ID of SDM_FORM table.
START_DATE	DATE					Start date of the form.
CALC_END_DATE	DATE					Calculated end date of the form.
FORM_INS_STATUS	NUMBER		3	0	No	Status of the form, for example, 32 - Pending, 6 - Open with Preparer, 10 - Open with Approver, 18 - Open with Integrator, 1 - Closed.
IS_ADHOC	CHAR	1			No	Indicates whether this form is ad-hoc.
INTERNAL_ID	VARCHAR2	100			No	Internal id for the object. Used primarily in LCM.
LOCK_DATA	CHAR	1			No	Indicates whether data should be locked or not.

Table 4-89 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
POST_STATU S	VARCHAR2	20			No	Target based posting status. NotPosted, ReadyToPost, PostInProgress, Posted, Failed etc. Not applicable to FCCS posting.
POST_STATU S_UPDATE_ MODE	VARCHAR2	50			Yes	Mode or method through which the status updated - Direct API, REST Service, EPM Automate etc.
POST_MESS AGE	VARCHAR2	255			Yes	Message or Identifier for posting, This will store Batch ID in case of Cloud Financials.
POST_BATC H_NAME	VARCHAR2	100			Yes	Stores batch name for the Cloud financial direct posting.
POST_GROU P_ID	NUMBER		18	0	Yes	Group identifier for the Cloud financial direct posting.

Table 4-89 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
VALIDATION_STATUS	VARCHAR2	20			Yes	Target based validation status, for example, NotValidated, Passed, Failed.
POST_RESULT_IDENTIFIER	VARCHAR2	255			Yes	Stores the Direct posting result ID, such as Batch ID in case of Cloud Financials.
DIRECT_POST_PROCESS_ID	VARCHAR2	40			Yes	Direct posting process ID returned by the ERP in case of Async posting. This id will be used for polling.
DIRECT_POST_ERP_PHASE	VARCHAR2	40			Yes	Stores the intermediate posting state of ERP.
ENTITY_CURRENCY_ID	NUMBER		18	0	Yes	Currency, associated with the Entity.
ACTUAL_END_DATE	DATE				Yes	Actual end date of the form.
RESPONSIBILITY_LEVEL	NUMBER		3	0	Yes	Indicates the user level, who is currently responsible to take action on the form.

Table 4-89 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
EVER_BEEN_LATE	CHAR	1			Yes	Indicates whether at least one of the user was late or not. Value is Y or N.
EMAIL_SENT	CHAR	1			Yes	Indicates whether email is sent to the user or not. Value is Y or N.
EMAIL_SENT_DATE	DATE				Yes	Indicates the date, on which, email is sent to the user.
SOURCE_INTERNAL_ID	VARCHAR2	100			Yes	Indicates source form instance internal id when it is copied from another instance.
FORCE_CLOSE_ACCESS_LEVEL	NUMBER				Yes	Indicates access level, at which, force close is triggered.
EXTERNAL_SOURCE	VARCHAR2	20			Yes	Name of external source when it is created by another service, for example, ARCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-89 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-89 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-90 Index Table**

Index	Uniqueness	Columns
SDM_FRM_INS_PK	UNIQUE	FORM_INSTANCE_ID
SDM_FRM_INS_U1_DCP_DCU	UNIQUE	DCP_ID, FORM_DCU_ID
SDM_FRM_INS_U2_INTRNL_ID	UNIQUE	SYS_NC00037\$, APP_ID

SDM_FORM_INS_ACCESS

This table stores preparer, approver, integrator and viewer details of the form/journal.

Primary Key**Table 4-91 Primary Key Table**

Constraint Name	Columns
SDM_FRMINS_ACES_PK	FORM_INS_ACCESS_ID

Foreign Key**Table 4-92 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_FORM_INS_ACCESS	SDM_FORM_ACCESS	FORM_ACCESS_ID
SDM_FORM_INS_ACCESS	SDM_FORM_INSTANCE	FORM_INSTANCE_ID

Columns**Table 4-93 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_INS_ACCESS_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-93 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_INST ANCE_ID	NUMBER		18	0	No	Form, to which, this information belongs. Refers to FORM_INST ANCE_ID of SDM_FORM _INSTANCE table.
FORM_ACCE SS_ID	NUMBER		18	0	No	Refers to user details of the associated form template. Refers to FORM_ACCE SS_ID of SDM_FORM _ACCESS table.
USER_ID	VARCHAR2	255			No	ID of specific user.
ACCESS_TYP E	VARCHAR2	30			No	Indicates type of the user, for example, Preparer, Approver, Integrator, Viewer.
ACCESS_LEV EL	NUMBER		3	0	No	Indicates the order, in which, user need to take action on the form. It starts with 0.
USER_TYPE	CHAR	1			No	Indicates type of the user, for example, U=User, G=Group, T=Team.

Table 4-93 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
IS_FORCE_CLOSE	CHAR	1			No	If the workflow is completed due to force close then the value is Y.
ACTIVE_USER_ID	VARCHAR2	255			Yes	ID of the user that is currently assigned the form.
COMPLETION_STATUS	VARCHAR2	20			Yes	Status of the assigned work for the user, for example, Pending, In Progress, Completed.
DUE_DATE	DATE				Yes	Date, by which, user need to complete the work.
COMPLETION_DATE	DATE				Yes	Date, on which, user completed the work.
COMPLETED_FROM	VARCHAR2	20			Yes	Indicates whether user completed the work from Web or SmartView.
REJECTION_COUNT	NUMBER		3	0	Yes	Indicates total number of rejections by this user.
EVER_BEEN_LATE	CHAR	1			Yes	Indicates whether user completed the work late or not. Value is Y or N.

Table 4-93 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.

Table 4-93 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-94 Index Table

Index	Uniqueness	Columns
SDM_FRMINS_ACES_PK	UNIQUE	FORM_INS_ACCESS_ID
SDM_FORM_INS_ACCESS_N1	NONUNIQUE	USER_ID, ACCESS_TYPE, ACCESS_LEVEL
SDM_FRMINS_ACES_U1_INSACES	UNIQUE	FORM_INSTANCE_ID, FORM_ACCESS_ID

SDM_FORM_INS_ANSWER

This table stores all answers related to the form/journal.

Primary Key

Table 4-95 Primary Key Table

Constraint Name	Columns
SDM_FRM_INS_ANSWER_PK	FORM_INS_ANSWER_ID

Foreign Key

Table 4-96 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_INS_ANSWER	SDM_FORM_QUESTION_LIST_VAL	VALUE_CHOICE_LIST_ID
SDM_FORM_INS_ANSWER	SDM_FORM_QUESTION	FORM_QUESTION_ID
SDM_FORM_INS_ANSWER	SDM_FORM_INSTANCE	FORM_INSTANCE_ID

Columns

Table 4-97 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_INS_ANSWER_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_INSTANCE_ID	NUMBER		18	0	No	Form, to which, this answer belongs. Refers to FORM_INSTANCE_ID of SDM_FORM_INSTANCE table.
FORM_QUESTION_ID	NUMBER		18	0	No	Question, for which, this answer is given by the user. Refers to FORM_QUESTION_ID of SDM_FORM_QUESTION table.
ACCESS_LEVEL	NUMBER		18	0	Yes	Indicates approver level of the user, who answered the question.
ANSWERED_BY_ID	VARCHAR2	255			Yes	Specific user ID, who answered the question.

Table 4-97 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
ANSWERED_ON	DATE				Yes	Date, on which, user answered the question.
VALUE_TEXT	VARCHAR2	255			Yes	Answer given by the user when data type is Text, Yes/No, True/False.
VALUE_DATE	DATE				Yes	Answer given by the user when data type is Date, Date/Time.
VALUE_NUMBER	NUMBER		29	12	Yes	Answer given by the user when data type is Number, Integer.
VALUE_CHOICE_LIST_ID	NUMBER		18	0	Yes	Answer given by the user when data type is List. Refers to QSTN_LIST_VAL_ID of SDM_FORM_QUESTION_LIST_VAL table.
ANSWERED_FROM	VARCHAR2	20			Yes	Indicates whether user answered the question from Web or SmartView.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-97 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-97 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-98 Index Table

Index	Uniqueness	Columns
SDM_FRM_INS_ANSWER_PK	UNIQUE	FORM_INS_ANSWER_ID

SDM_FORM_INS_POST

This table stores detail of data posting to consolidation systems.

Primary Key

Table 4-99 Primary Key Table

Constraint Name	Columns
SDM_FRM_INS_POST_PK	FORM_INS_POST_ID

Foreign Key

Table 4-100 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_INS_POST	SDM_FORM_INS_ACCESS	FORM_INS_ACCESS_ID
SDM_FORM_INS_POST	SDM_FORM_MAPPING	FORM_MAPPING_ID
SDM_FORM_INS_POST	SDM_FORM_INSTANCE	FORM_INSTANCE_ID

Columns

Table 4-101 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_INS_POST_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-101 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_INSTANCE_ID	NUMBER		18	0	No	Form, to which, this information belongs. Refers to FORM_INSTANCE_ID of SDM_FORM_INSTANCE table.
FORM_MAPPING_ID	NUMBER		18	0	No	Mapping, for which, this post is done. Refers to FORM_MAPPING_ID of SDM_FORM_MAPPING table.
FORM_INS_ACCESS_ID	NUMBER		18	0	No	Points to the user, who posted the data. Refers to FORM_INS_ACCESS_ID of SDM_FORM_INS_ACCESS table.
POSTED_VALUE	NUMBER		29	12	No	Value, which is posted.
POSTING_STATUS	VARCHAR2	40			No	Status of the post, for example, Posted, Failed, Unposted
POSTED_POV	CLOB				Yes	POV, for which, data is posted.
CLOUD_POV	VARCHAR2	2000			Yes	POV for Cloud service, for which, data is posted.
ERROR_DETAILS	VARCHAR2	1000			Yes	Error reported by the target system.

Table 4-101 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
PLAN_TYPE_NAME	VARCHAR2	80			Yes	Indicates the name of the plan type to which the data has been posted.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.

Table 4-101 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-102 Index Table

Index	Uniqueness	Columns
SDM_FRM_INS_POST_PK	UNIQUE	FORM_INS_POST_ID

SDM_FORM_MAPPING

This table stores all mappings of section to post data to another system.

Primary Key

Table 4-103 Primary Key Table

Constraint Name	Columns
SDM_FRM_MAPPING_PK	FORM_MAPPING_ID

Foreign Key

Table 4-104 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_MAPPING	SDM_CONNECTION	CONNECTION_ID
SDM_FORM_MAPPING	SDM_FORM_GROUP_BY	FORM_GROUPBY_ID
SDM_FORM_MAPPING	SDM_FORM_SECTION	FORM_SECTION_ID

Columns

Table 4-105 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_MAPPING_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_SECTION_ID	NUMBER		18	0	No	Section, to which, this mapping belongs. Refers to FORM_SECTION_ID of SDM_FORM_SECTION table.
FORM_GROUPBY_ID	NUMBER		18	0	No	Indicates Group By attribute, with which, this mapping is associated. Refers to FORM_GROUPBY_ID of SDM_FORM_GROUP_BY table.
CONNECTION_ID	NUMBER		18	0	No	Indicates connection details to another system. Refers to CONNECTION_ID of SDM_CONNECTION table.

Table 4-105 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
ON_TOTAL	CHAR	1			No	Indicates whether mapping is done for total or not. Value is Y or N.
TARGET_POV	CLOB				No	Indicates POV of target system to post the data.
PLAN_TYPE_NAME	VARCHAR2	80			Yes	Indicates the name of the plan type under which the mapping is defined.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-105 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-105 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-106 Index Table

Index	Uniqueness	Columns
SDM_FRM_MPING_PK	UNIQUE	FORM_MAPPING_ID
SDM_FRM_MAP_U1_SCTN_GB_TOTL	UNIQUE	FORM_SECTION_ID, FORM_GROUPBY_ID, ON_TOTAL

SDM_FORM_QUESTION

This table stores all questions of form/journal template, which need to be answered by the users.

Primary Key

Table 4-107 Primary Key Table

Constraint Name	Columns
SDM_FRM_QSTN_PK	FORM_QUESTION_ID

Foreign Key

Table 4-108 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_QUESTION	SDM_FORM	FORM_ID

Columns

Table 4-109 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_QUESTION_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-109 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_ID	NUMBER		18	0	No	Form template, to which, this question belongs. Refers to FORM_ID of SDM_FORM table.
QUESTION_TEXT	VARCHAR2	2000			No	Text of the question.
DATA_TYPE	VARCHAR2	20			No	Indicates the data type, in which, answer should be given, for example, Date, Date/Time, List, Integer, Number, Text, Yes/No, True/False.
QUESTION_ACTION	VARCHAR2	40			No	Indicates the user type, who need to answer this question, for example, Preparer, Approver, Integrator.
IS_REQUIRED	CHAR	1			No	Indicates whether question is mandatory or not. Value is Y or N.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.

Table 4-109 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.

Table 4-109 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-110 Index Table**

Index	Uniqueness	Columns
SDM_FRM_QSTN_PK	UNIQUE	FORM_QUESTION_ID

SDM_FORM_QUESTION_LIST_VAL

This table stores all list values of form/journal template question.

Primary Key**Table 4-111 Primary Key Table**

Constraint Name	Columns
SDM_QSTN_LSTVAL_PK	QSTN_LIST_VAL_ID

Foreign Key**Table 4-112 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_FORM_QUESTION_LIST_VAL	SDM_FORM_QUESTION	FORM_QUESTION_ID

Columns

Table 4-113 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
QSTN_LIST_VAL_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_QUESTION_ID	NUMBER		18	0	No	Question, to which, this list belongs. Refers to FORM_QUESTION_ID of SDM_FORM_QUESTION table.
LIST_VALUE	VARCHAR2	255			No	Value of the list.
LIST_ORDER	NUMBER		4	0	No	Indicates the order, in which, list should be displayed.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-113 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-113 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-114 Index Table**

Index	Uniqueness	Columns
SDM_QSTN_LSTVAL_PK	UNIQUE	QSTN_LIST_VAL_ID
SDM_QSTN_LST_U1_QSTN_LST_VAL	UNIQUE	FORM_QUESTION_ID, SYS_NC00013\$

SDM_FORM_SECTION

This table stores all sections of form/journal templates.

Primary Key**Table 4-115 Primary Key Table**

Constraint Name	Columns
SDM_FRM_SECTION_PK	FORM_SECTION_ID

Foreign Key**Table 4-116 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_FORM_SECTION	SDM_FORM_SECTION	PARENT_SECTION_ID
SDM_FORM_SECTION	SDM_DATA_SET	DATA_SET_ID
SDM_FORM_SECTION	SDM_FORM	FORM_ID

Columns

Table 4-117 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FORM_SECTION_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_ID	NUMBER		18	0	No	Form template, to which, this section belongs. Refers to FORM_ID of SDM_FORM table.
DATA_SET_ID	NUMBER		18	0	No	Data Set, to which, this section belongs. Refers to DATA_SET_ID of SDM_DATA_SET table.
NAME	VARCHAR2	80			No	Name of the section.
DISPLAY_OPTION	VARCHAR2	15			No	Indicates whether data record in the form should be displayed as row or column.
SECTION_ORDER	NUMBER		4	0	No	Indicates the order, in which, sections should be displayed.
COLUMN_TOTAL_ROW_POS	VARCHAR2	40			No	Indicates position of total row in form data entry, for example, Top, Bottom, None.

Table 4-117 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
GROUPBY_TOTAL_ROW_POS	VARCHAR2	40			No	Indicates position of total row in form summary, for example, Top, Bottom, None.
PARENT_SECTION_ID	NUMBER		18	0	Yes	When a section is for sub-collection, this field points to parent section id. Refers to FORM_SECTION_ID of SDM_FORM_SECTION table.
DISPLAY_COLUMN_COUNT	NUMBER		1	0	Yes	This indicates number of columns to display in UI for header display option.
MASTER_ID	NUMBER		18	0	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.

Table 4-117 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.

Table 4-117 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-118 Index Table

Index	Uniqueness	Columns
SDM_FRM_SECTION_PK	UNIQUE	FORM_SECTION_ID
SDM_FRM_SCTN_U1_FRM_NM	UNIQUE	FORM_ID, SYS_NC00020\$
SDM_FRM_SCTN_U2_MSTR_DCP	UNIQUE	MASTER_ID, DCP_ID

SDM_FORM_WF_PROP

This table stores properties related to template workflow.

Primary Key

Table 4-119 Primary Key Table

Constraint Name	Columns
SDM_FRM_WF_PROP_PK	FRM_WF_PROP_ID

Foreign Key

Table 4-120 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_FORM_WF_PROP	SDM_FORM_WF_PROP	MASTER_ID
SDM_FORM_WF_PROP	SDM_DIMENSION	WF_DIM_ID
SDM_FORM_WF_PROP	SDM_FORM	FORM_ID

Columns

Table 4-121 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FRM_WF_PR OP_ID	NUMBER		18	0	No	Unique identifier of the record.
FORM_ID	NUMBER		18	0	No	Template, to which, this property belongs.
WF_DIM_ID	NUMBER		18	0	No	Dimension, to which, this property belongs.
DIM_MBR_B EHAVIOR	VARCHAR2	20			No	Dimension member behavior, for example, PickFromLis t, Generated, UserInput.
MBR_ID_PR EFIX	VARCHAR2	5			Yes	Prefix for generated member ID. It is applicable only when DIM_MBR_B EHAVIOR is generated.
MBR_ID_SU FFIX	VARCHAR2	5			Yes	Suffix for generated member Id. It is applicable only when DIM_MBR_B EHAVIOR is generated.

Table 4-121 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
MASTER_ID	NUMBER		18	0	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER		18	0	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-121 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-121 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-122 Index Table**

Index	Uniqueness	Columns
SDM_FRM_WF_PROP_PK	UNIQUE	FRM_WF_PROP_ID
SDM_FRMWFPRP_U1_FRMID	UNIQUE	FORM_ID
SDM_FRMWFPRP_U2_MSTRDCP	UNIQUE	MASTER_ID, DCP_ID

SDM_FREQUENCY

This table stores all frequencies of the system.

Primary Key**Table 4-123 Primary Key Table**

Constraint Name	Columns
SDM_FREQUENCY_PK	FREQUENCY_ID

Columns**Table 4-124 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FREQUENCY_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the frequency.
DESCRIPTION	VARCHAR2	255			Yes	Description of the frequency.

Table 4-124 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FREQUENCY_ORDER	NUMBER		4	0	Yes	Indicates the order, in which, frequencies should be displayed.
SOURCE_ID	NUMBER	5	18	0	Yes	Frequency ID of the source system, for example, FCCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.

Table 4-124 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-125 Index Table**

Index	Uniqueness	Columns
SDM_FREQUENCY_PK	UNIQUE	FREQUENCY_ID
SDM_FREQUENCY_U1_NAME	UNIQUE	SYS_NC00013\$, APP_ID

SDM_HISTORY

This table stores history for different objects of Supplemental Data Manager and Enterprise Journals, for example, Data Set, Form Template, Journal Template.

Primary Key**Table 4-126 Primary Key Table**

Constraint Name	Columns
SDM_HISTORY_PK	HISTORY_FIELD_ID

Columns

Table 4-127 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
HISTORY_FIELD_ID	NUMBER		18	0	No	Unique identifier of the record.
OBJECT_ID	NUMBER		18	0	No	Refers to the object, for which, history is created. Some examples are: <ul style="list-style-type: none"> SDM_DATA.SET_ID: for Data Set SDM_FORM.ID: for Form Template
OBJECT_TYPE	VARCHAR2	8	18	0	Yes	null
OBJECT_NAME	VARCHAR2	256			Yes	null
SUPPORTING_OBJECT_ID	NUMBER		18	0	Yes	An ID to the supporting object related to this entry. For instance, Data Set attribute ID.
SUPPORTING_OBJECT	VARCHAR2	255			Yes	A general use field in case the other fields are not enough to store the history.

Table 4-127 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FIELD_ID	VARCHAR2	100	18	0	No	The field ID which states what field (such as Data Set name, description etc.) changed. Refer to HistoryField.java for the full enumeration.
CHANGE_TYPE_ID	NUMBER		9	0	No	The ID of the change type, such as Added, Removed, Modified, etc.
OLD_VALUE	VARCHAR2	2000			Yes	The prior value of the field.
NEW_VALUE	VARCHAR2	2000			Yes	The new value of the field.
CHANGED_BY	VARCHAR2	255			No	The person who made the modification.
CHANGED_ON	TIMESTAMP(6)				No	The date of the modification.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-127 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-127 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-128 Index Table**

Index	Uniqueness	Columns
SDM_HISTORY_PK	UNIQUE	HISTORY_FIELD_ID
SDM_HISTORY_N1_OBJ_ID	NONUNIQUE	OBJECT_ID

SDM_INSTRUCTION

This table stores instructions for different objects of Supplemental Data Manager and Enterprise Journals, for example, Form Template, Journal Template.

Primary Key**Table 4-129 Primary Key Table**

Constraint Name	Columns
SDM_INSTRUCTION_PK	INSTRUCTION_ID

Columns**Table 4-130 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
INSTRUCTION_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-130 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
INSTRUCTION_OWNER_ID	NUMBER		18	0	No	Refers to the object, for which, instruction is created. It can be any one of the following: SDM_FORM or FORM_ID for Form Template
INSTRUCTION_TEXT	CLOB				Yes	Text of the instruction.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-130 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-131 Index Table

Index	Uniqueness	Columns
SDM_INSTRUCTION_PK	UNIQUE	INSTRUCTION_ID
SDM_INSTRUCTION_U1_ONR_ID	NONUNIQUE	INSTRUCTION_OWNER_ID

SDM_INTEGRATION

This table stores integration profiles which allows import of dimensions from other products, for example, HFM.

Primary Key**Table 4-132 Primary Key Table**

Constraint Name	Columns
SDM_INTEGRATION_PK	INTEGRATION_ID

Foreign Key**Table 4-133 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_INTEGRATION	SDM_CONNECTION	CONNECTION_ID

Columns**Table 4-134 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
INTEGRATION_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the integration as entered by the user.
IMPORT_PERIOD_SETTING	CHAR	1			No	Indicates import option for frequencies, years and periods. Value is Y or N.
IMPORT_CURRENCY	CHAR	1			No	Indicates import option for Currencies. Value is Y or N.
DESCRIPTION	VARCHAR2	1000			Yes	Description as entered by the user.

Table 4-134 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CONNECTIO N_ID	NUMBER		18	0	Yes	Connection, which should be used to import the data. Refers to CONNECTIO N_ID of SDM_CONN ECTION table.
IMPORT_SO URCE	VARCHAR2	20			Yes	Indicates the source, from where, import is done, for example, HFM.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VE RSION_NUM BER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-134 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-135 Index Table

Index	Uniqueness	Columns
SDM_INTEGRATION_PK	UNIQUE	INTEGRATION_ID
SDM_INTEGRATION_U1_NAME	NONUNIQUE	SYS_NC00015\$, APP_ID

SDM_INTEGRATION_DIM

This table stores details of dimensions for integration profile.

Primary Key**Table 4-136 Primary Key Table**

Constraint Name	Columns
SDM_ITGRTN_DIM_PK	INTEGRATION_DIM_ID

Foreign Key**Table 4-137 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_INTEGRATION_DIM	SDM_INTEGRATION	INTEGRATION_ID

Columns**Table 4-138 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
INTEGRATION_DIM_ID	NUMBER		18	0	No	Unique identifier of the record.
INTEGRATION_ID	NUMBER		18	0	No	Integration profile, to which, this record belongs. Refers to INTEGRATION_ID of SDM_INTEGRATION table.
SOURCE_DIM_NAME	VARCHAR2	80			No	Dimension name on source side, for example, HFM.
TARGET_DIM_NAME	VARCHAR2	80			No	Dimension name on SDM side.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-138 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-138 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-139 Index Table

Index	Uniqueness	Columns
SDM_ITGRTN_DIM_PK	UNIQUE	INTEGRATION_DIM_ID
SDM_ITGRTN_DIM_U1_DIM_NM	NONUNIQUE	INTEGRATION_ID, SYS_NC00012\$

SDM_INTEGRATION_DIM_ATTRIB

This table stores details of attributes for each dimension of integration profile.

Primary Key

Table 4-140 Primary Key Table

Constraint Name	Columns
SDM_ITGRTN_DIM_ATR_PK	ITGRTN_DIM_ATTRIB_ID

Foreign Key

Table 4-141 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_INTEGRATION_DIM_ATTRIB	SDM_INTEGRATION_DIM	INTEGRATION_DIM_ID

Columns

Table 4-142 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
ITGRTN_DIM_ATTRIB_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-142 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
INTEGRATION_DIM_ID	NUMBER		18	0	No	Specific dimension of Integration profile, to which, this record belongs. Refers to INTEGRATION_DIM_ID of SDM_INTEGRATION_DIM table.
SOURCE_trib_NAME	VARCHAR2	80			No	Attribute name on source side, for example, HFM.
TARGET_trib_NAME	VARCHAR2	80			No	Attribute name on SDM side.
TARGET_DATATYPE	VARCHAR2	20			No	Data type of attribute on SDM side, for example, Date, Date/Time, List, Integer, Number, Text, Yes/No, True/False.
TARGET_IS_KEY	CHAR	1			No	Indicates whether attribute is a key or not on SDM side. Value is Y or N.
ATTRIBUTE_INTERNAL	VARCHAR2	40			No	Indicates type of the attribute, for example, EntityName, EntityDescription, ParentId etc.

Table 4-142 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.

Table 4-142 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-143 Index Table

Index	Uniqueness	Columns
SDM_ITGRTN_DIM_ATR_PK	UNIQUE	ITGRTN_DIM_ATTRIB_ID
SDM_ITGRTN_ATR_U1_DIM_TGT_ATR	UNIQUE	INTEGRATION_DIM_ID, SYS_NC00015\$

SDM_PERIOD

This table stores all supported period of the system.

Primary Key

Table 4-144 Primary Key Table

Constraint Name	Columns
SDM_PERIOD_PK	PERIOD_ID

Foreign Key

Table 4-145 Foreign Key Table

Table	Foreign Table	Foreign Key Columns
SDM_PERIOD	SDM_FREQUENCY	FREQUENCY_ID

Columns

Table 4-146 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
PERIOD_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the period.
FREQUENCY_ID	NUMBER		18	0	No	Indicates frequency of this period. Refers to FREQUENCY_ID of SDM_FREQUENCY table.
PERIOD_ORDER	NUMBER		18	0	No	Indicates the order, in which, periods should be displayed.
DESCRIPTION	VARCHAR2	255			Yes	Description of the period.
SOURCE_ID	NUMBER		18	0	Yes	Period ID of the source system, for example, FCCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-146 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-146 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-147 Index Table**

Index	Uniqueness	Columns
SDM_PERIOD_PK	UNIQUE	PERIOD_ID
SDM_PERIOD_U1_NAME	UNIQUE	SYS_NC00014\$, APP_ID

SDM_PRIOR_PERIODS

This table stores the lookup to determine the prior period given a period, year and a number of periods to look back from.

Primary Key**Table 4-148 Primary Key Table**

Constraint Name	Columns
SDM_PRIOR_PERIODS_PK	PRIOR_ID

Foreign Key**Table 4-149 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_PRIOR_PERIODS	SDM_PERIOD	PRIOR_PERIOD_ID
SDM_PRIOR_PERIODS	SDM_YEAR	PRIOR_YEAR_ID
SDM_PRIOR_PERIODS	SDM_PERIOD	PERIOD_ID
SDM_PRIOR_PERIODS	SDM_YEAR	YEAR_ID

Columns

Table 4-150 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
PRIOR_ID	NUMBER		18	0	No	Unique identifier of the record.
YEAR_ID	NUMBER		18	0	No	Year ID. Refers to YEAR_ID of SDM_YEAR table.
PERIOD_ID	NUMBER		18	0	No	Period ID. Refers to PERIOD_ID of SDM_PERIOD table.
NUM_PERIODS_PRIOR	NUMBER		4	0	No	Number of periods to look back.
PRIOR_YEAR_ID	NUMBER		18	0	No	Prior Year ID. Refers to YEAR_ID of SDM_YEAR table.
PRIOR_PERIOD_ID	NUMBER		18	0	No	Prior Period ID. Refers to PERIOD_ID of SDM_PERIOD table.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-150 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-150 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-151 Index Table**

Index	Uniqueness	Columns
SDM_PRIOR_PERIODS_PK	UNIQUE	PRIOR_ID
SDM_PRIOR_PERIODS_U1	UNIQUE	YEAR_ID, PERIOD_ID, NUM_PERIODS_PRIOR

SDM_REFERENCE

This table stores references for different objects of Supplemental Data Manager/Enterprise Journals, for example, Form/Journal Template, Comment of Form/Journal.

Primary Key**Table 4-152 Primary Key Table**

Constraint Name	Columns
SDM_REFERENCE_PK	REFERENCE_ID

Columns**Table 4-153 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
REFERENCE_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-153 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
REFERENCE_OWNER_ID	NUMBER		18	0	No	Refers to the object, for which, reference is created. It can be any one of the following: <ul style="list-style-type: none"> SDM_FORM.FORM_ID: for Form Template SDM_COMMENT.COMMENT_ID: for Comment
REFERENCE_TYPE	VARCHAR2	4			No	Indicates type of the reference. 'DOC' - document in Oracle Content Management Repository 'URL' - URL 'FILE' - uploaded document.
REFERENCE_NAME	VARCHAR2	255			Yes	Name of the reference.
REFERENCE_URL	VARCHAR2	320			Yes	URL of the reference.
UPLOADED_FILE	NUMBER				Yes	User uploaded file content when reference type is FILE.
FILE_NAME	VARCHAR2	255			Yes	User uploaded file name when reference type is FILE.

Table 4-153 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
FILE_MIME_TYPE	VARCHAR2	128			Yes	User uploaded file mime type when reference type is FILE.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.

Table 4-153 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-154 Index Table

Index	Uniqueness	Columns
SDM_REFERENCE_PK	UNIQUE	REFERENCE_ID
SDM_REFERENCE_N1_ONR_TYPE	NONUNIQUE	REFERENCE_OWNER_ID, REFERENCE_TYPE

SDM_SCENARIO

This table stores all members of scenario dimension. This table may be changed at runtime.

Primary Key

Table 4-155 Primary Key Table

Constraint Name	Columns
SDM_SCENARIO_PK	DYNAMIC_DATA_ID

Columns

Table 4-156 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DYNAMIC_DATA_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the member.
DESCRIPTION	VARCHAR2	255			Yes	Description of the member.
SOURCE_ID	NUMBER		18	0	Yes	Scenario member Id of the source system e.g. FCCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-156 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-157 Index Table

Index	Uniqueness	Columns
SDM_SCENARIO_PK	UNIQUE	DYNAMIC_DATA_ID

SDM_SECURITY_OBJ

This table stores security details of the object.

Primary Key**Table 4-158 Primary Key Table**

Constraint Name	Columns
SDM_SECURITY_OBJ_PK	SECURITY_OBJ_ID

Columns**Table 4-159 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
SECURITY_O BJ_ID	NUMBER		18	0	No	Unique identifier of the record.
OWNER_OB JECT_ID	NUMBER		18	0	No	Owner Object, to which, this security object belongs.
OBJECT_TYP E	VARCHAR2	30			No	Indicates type of the object, for example, FormTempl ate.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-159 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-159 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes**Table 4-160 Index Table**

Index	Uniqueness	Columns
SDM_SECURITY_OBJ_PK	UNIQUE	SECURITY_OBJ_ID
SDM_SECOBJ_U1_OWNER_ID	UNIQUE	OWNER_OBJECT_ID

SDM_SECURITY_PRIV

This table stores security privilege details for security object.

Primary Key**Table 4-161 Primary Key Table**

Constraint Name	Columns
SDM_SECURITY_PRIV_PK	SECURITY_PRIV_ID

Foreign Key**Table 4-162 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_SECURITY_PRIV_PK	SDM_SECURITY_OBJ	SECURITY_OBJ_ID

Columns**Table 4-163 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
SECURITY_PRIV_ID	NUMBER		18	0	No	Unique identifier of the record.

Table 4-163 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
SECURITY_O BJ_ID	NUMBER		18	0	No	Security object, to which, this privilege belongs. Refers to SECURITY_OBJ_ID of SDM_SECURITY_OBJ table.
PRIVILEGE_ NAME	VARCHAR2	80			No	Indicates the privilege, for which, security is granted, for example, AdHocForm Create.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VE RSION_NUM BER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-163 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-164 Index Table

Index	Uniqueness	Columns
SDM_SECURITY_PRIV_PK	UNIQUE	SECURITY_PRIV_ID
SDM_SECPRIV_U1_OBJPRIV	UNIQUE	SECURITY_OBJ_ID, PRIVILEGE_NAME

SDM_SECURITY_USER

This table stores user details for security privilege.

Primary Key**Table 4-165 Primary Key Table**

Constraint Name	Columns
SDM_SECURITY_USER_PK	SECURITY_USER_ID

Foreign Key**Table 4-166 Foreign Key Table**

Table	Foreign Table	Foreign Key Columns
SDM_SECURITY_USER	SDM_SECURITY_PRIV	SECURITY_PRIV_ID

Columns**Table 4-167 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
SECURITY_USER_ID	NUMBER		18	0	No	Unique identifier of the record.
SECURITY_PRIV_ID	NUMBER		18	0	No	Security Privilege, to which, this information belongs. Refers to SECURITY_PRIV_ID of SDM_SECURITY_PRIV table.
USER_ID	VARCHAR2	255			No	ID of specific user or team or group.
USER_TYPE	CHAR	1			No	Indicates type of the user. U=User, G=Group, T=Team
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-167 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-167 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-168 Index Table

Index	Uniqueness	Columns
SDM_SECURITY_USER_PK	UNIQUE	SECURITY_USER_ID
SDM_SECUSR_U1_PRIVUSR	UNIQUE	SECURITY_PRIV_ID, USER_ID

SDM_STATUSES

This is a lookup table for form/journal statuses.

Primary Key

Table 4-169 Primary Key Table

Constraint Name	Columns
SDM_STATUSES_PK	STATUS_ID

Columns

Table 4-170 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
STATUS_ID	NUMBER		18	0	No	Unique identifier of the record.
CATEGORY_ID	NUMBER		18	0	Yes	Numerical identifier of detail statuses category.
STATUS	VARCHAR2	32			Yes	Internal text representation of status, for example, PENDING.

Table 4-170 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CATEGORY	VARCHAR2	16			Yes	Category of detail status: in-process, completed, pending, empty for a status category.
TYPE	VARCHAR2	1			Yes	Discriminator: C = status category, T = detail status.
ICON	VARCHAR2	64			Yes	Internal path to the representative icon.
SORT_ORDER	NUMBER		2	0	Yes	Provides logical ordering for lists and tables.
CATEGORY_SORT_ORDER	NUMBER		2	0	Yes	Provides logical ordering by category in lists and tables.
OBJECT_VERSION_NUMBER	NUMBER		9	0	Yes	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-170 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE				Yes	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2	255			Yes	Who column: indicates the user who last updated the row.
CREATED_BY	VARCHAR2	255			Yes	Who column: indicates the user who created the row.

Indexes

Table 4-171 Index Table

Index	Uniqueness	Columns
SDM_STATUSES_PK	UNIQUE	STATUS_ID

SDM_SYSTEM_PREFERENCES

This table stores various preference settings for example, font size, cell style. Each record indicates one specific preference.

Primary Key

Table 4-172 Primary Key Table

Constraint Name	Columns
SDM_SYS_PREF_PK	SYSTEM_PREF_ID

Columns

Table 4-173 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
SYSTEM_PREF_ID	NUMBER		18	0	No	Unique identifier of the record.
NAME	VARCHAR2	80			No	Name of the preference.
PREF_VALUE	VARCHAR2	255			No	Value of the preference.
DATA_TYPE	VARCHAR2	20			No	Data type of the preference value. e.g. Integer, Number, Text, Boolean
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Table 4-173 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
LAST_UPDATE_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-174 Index Table

Index	Uniqueness	Columns
SDM_SYS_PREF_PK	UNIQUE	SYSTEM_PREF_ID
SDM_SYSTEM_PREF_U1_NAME	UNIQUE	SYS_NC00012\$, APP_ID

SDM_YEAR

This table stores all supported years of the system.

Primary Key**Table 4-175 Primary Key Table**

Constraint Name	Columns
SDM_YEAR_PK	YEAR_ID

Columns**Table 4-176 Column Details Table**

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
YEAR_ID	NUMBER		18	0	No	Unique identifier of the record.
YEAR_NAME	VARCHAR2	80			No	Year value, for example, 2020.
NAME	NUMBER		4	0	Yes	Year value, for example, 2014. This column is not used.
DESCRIPTION	VARCHAR2	255			Yes	Description of the year.
SOURCE_ID	NUMBER		18	0	Yes	Year ID of the source system, for example, FCCS.
APP_ID	NUMBER		1	0	No	Identifier for the application to which the row corresponds to, for example, SDM:4.

Table 4-176 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATED_LOGIN	VARCHAR2	255			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	255			No	Who column: indicates the user who last updated the row.
LAST_UPDATED_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	255			No	Who column: indicates the user who created the row.

Table 4-176 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

Indexes

Table 4-177 Index Table

Index	Uniqueness	Columns
SDM_YEAR_PK	UNIQUE	YEAR_ID
SDM_YEAR_U1_YEARNAME	UNIQUE	SYS_NC00013\$, APP_ID

5

Supplemental Data Dynamic Tables

Related Topics:

- [SDM_DYND_<DIMENSION_PRIMARY_KEY>](#)
- [SDM_DYNS_<COLLECTION_PRIMARY_KEY>](#)

SDM_DYND_<DIMENSION_PRIMARY_KEY>

This table stores dimension member data. For each dimension, it creates one such table dynamically. SDM_DIMENSION (DB_TABLE_NAME column) and SDM_DIMENSION_ATTRIBUTE (DB_COLUMN_NAME column) stores the information about dynamic table.

Details

Object type: TABLE

Primary Key

Table 5-1 Primary Key Table

Constraint Name	Columns
SDM_DYND_<DIMENSION_PRIMARY_KEY>_PK	DYNAMIC_DATA_ID

Columns

Table 5-2 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DYNAMIC_DATA_ID	NUMBER		18	0	No	Unique identifier of the record
C_<DIMENSION_ATTRIBUTE_PRIMARY_KEY >					Yes	Column for each attribute of the dimension
IS_DELETED	CHAR	1			No	Indicates whether this member is deleted or not. Value is Y or N.

Table 5-2 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2	300			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	300			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	300			No	Who column: indicates the user who created the row.

Table 5-2 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.

SDM_DYNS_<COLLECTION_PRIMARY_KEY>

This table stores form/journal data. For each collection, it creates one such table dynamically. SDM_DATA_SET (DB_TABLE_NAME column) and SDM_DATA_SET_COLUMN (DB_COLUMN_NAME column) stores the information about dynamic table.

Details

Object type: TABLE

Primary Key

Table 5-3 Primary Key Table

Constraint Name	Columns
SDM_DYNS_<COLLECTION_PRIMARY_KEY>_PK	DYNAMIC_DATA_ID

Columns

Table 5-4 Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
DYNAMIC_DATA_ID	NUMBER		18	0	No	Unique identifier of the record
C_<COLLECTION_ATTRIBUTE_PRIMARY_KEY >					Yes	Column for each attribute of the collection

Table 5-4 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
OBJECT_VERSION_NUMBER	NUMBER		9	0	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2	300			Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2	300			No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE				No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2	300			No	Who column: indicates the user who created the row.

Table 5-4 (Cont.) Column Details Table

Name	Data Type	Length	Precision	Scale	Null Allowed	Comments
CREATION_DATE	DATE				No	Who column: indicates the date and time of the creation of the row.