Unica Platform V12.1.3 System Tables

Contents

Chapter 1. About this document

This section provides an introduction to the purpose and scope of this document and the terms and conditions of use.

Purpose of this document

This document is intended to help your company understand the Unica Platform data model for integration purposes.

> ⚠️ **Important:** You should not modify the Unica Platform system tables directly (rather than through the user interface). If you modify the Unica Platform system tables directly, you may compromise Unica Platform functionality and make it more difficult for Technical Support to resolve any problems that may occur.

Terms and conditions of use

The enclosed information is confidential and proprietary to and accordingly may only be used in accordance with the terms of your current and valid confidentiality agreement.

This information should be shared within your company only on a need-to-know basis. If you are unable to confirm whether your company has a current and valid confidentiality agreement with that appropriately protects the enclosed data from public disclosure, DO NOT CONTINUE THROUGH THIS DOCUMENT AND INSTEAD RETURN IT IMMEDIATELY TO .

Future system table changes

reserves the right, at any time, to change system table schemas and the contents of this document for the Unica Platform product. If you choose to develop custom integrations using Unica Platform system tables, these components need to be reviewed and possibly modified to work with future releases of Unica Platform system tables.

There is no guarantee of backwards compatibility or automated migration for custom-developed or third-party extensions using the Unica Platform system tables. does not support any use of the Unica Platform system tables outside of standard application use conducted through the Unica Platform application or standard tools shipped as part of the product.

Unica Platform documentation and help

Unica Platform provides documentation and help for users, administrators, and developers.

Table 1. Get up and running

Task	Documentation
View a list of new features, known issues, and workarounds	*Unica Platform Release Notes®*
Learn about the structure of the Unica Platform database	*Unica Platform System Tables Guide*
Install or upgrade Unica Platform and deploy the Unica Platform web application	One of the following guides: • *Unica Platform Installation Guide* • *Unica Platform Upgrade Guide*
Implement the Cognos® reports provided with Unica	Unica Reports Installation and Configuration Guide

Table 2. Configure and use Unica Platform

Task	Documentation
• Adjust configuration and security settings for products • Integrate with external systems such as LDAP and web access control • Implement single sign-on with diverse applications using SAML 2.0-based federated authentication or single sign-on • Run utilities to perform maintenance on products • Configure and use audit event tracking • Schedule runs of Unica objects	*Unica Platform Administrator's Guide*

Chapter 2. Unica Platform system table reference

This section provides details on each of the Unica Platform system tables.

The data types shown in the tables are generic types that may be different in your Unica Platform installation, depending on the database used for the system tables.

USM_USER

Stores information about users.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the user.
NAME	VARCHAR2	256	False	User's login name.
PASSWORD	VARCHAR2	100	True	User's password hash.
FIRST_NAME	VARCHAR2	128	True	User's first name.
LAST_NAME	VARCHAR2	128	True	User's last name.
TITLE	VARCHAR2	128	True	Title of the user
DEPARTMENT	VARCHAR2	128	True	Department of which the user is a member.
ORGANIZATION	VARCHAR2	128	True	Organization of which the user is a member.
COUNTRY	VARCHAR2	128	True	Country of the user
EMAIL	VARCHAR2	128	True	Email address of the user
ADDRESS1	VARCHAR2	128	True	First line of the user's address.

Field	Type	Length	Null?	Description
ADDRESS2	VARCHAR2	128	True	Second line of the user's address.
PHONE1	VARCHAR2	20	True	First phone number of the user
PHONE2	VARCHAR2	20	True	Second phone number of the user
PHONE3	VARCHAR2	20	True	Third phone number of the user
STATUS	INT32		True	Flag that distinguishes among the states of a user account. Valid values are: • 1: Active • 2: Disabled • 3: Deleted from LDAP
USER_TYPE	INT32			Flag that distinguishes type of user. Valid values are: 1. Full 2. Lite
ALT_LOGIN	VARCHAR2	256	True	UNIX alternate login, used by Campaign to control access to local system resources. It must correspond to a valid user account on the local UNIX machine.
PW_EXPIRATION_DATE	DATETIME		True	Expiration date of the user's password. This works in conjunction with the Validity

Field	Type	Length	Null?	Description
				(in days) configuration property.
PW_EXPIRATION_POLICY	INT32		True	Unused field.
PW_FAILED_TRIES	INT32		True	Records the number of consecutive failed login attempts. This works in conjunction with the Maximum failed login attempts allowed property.
PW_RESET	INT32		True	Field used to force a user to choose a new password. Valid values are: • 0: No reset is required • 1: Reset is required
PARTITION_ID	INT32		True	The partition the user belongs to.
SYSTEM_DEFINED	INT32		True	Flag that distinguishes between the types of users. Valid values are: • 0: User-defined users (created by Platform users) • 1: System-defined users (present when

Field	Type	Length	Null?	Description
				Platform is first installed) • 2: Synchronized users (imported from an external system))
CREATE_BY	INT64		False	Numeric identifier of the user that created this user account.
CREATE_DATE	DATETIME		False	Date on which the user account was created.
UPDATE_DATE	DATETIME		True	Date on which the user was last updated.
COREMETRICS_USER	VARCHAR2	256	True	Stores the IBM Digital Analytics (formerly Coremetrics) login name associated with the user

USM_ROLE

Stores roles used for Role-Based Access Control (RBAC). Note that not all IBM Marketing Software applications use RBAC.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the role.
NAME	VARCHAR2	64	False	Name of the role.
DESCRIPTION	VARCHAR2	512	True	Description of the role.

Field	Type	Length	Null?	Description
DISPLAY_NAME	VARCHAR2	256	True	Display name of the role in the IBM Marketing Software user interface.
TYPE	INT32		True	Flag that distinguishes among the types of roles. Valid values are: • 0: User-defined role • 1: Object owner • 2: Folder owner • 100: Partition • 101: Global Policy • 102: Policy • 103: Group Both object owner and folder owner are system-defined roles. Note that even when a role is system-defined, an administrator can still specify what privileges are associated with each role. These roles support the folder/object pattern of organizing data that is used by many IBM Marketing applications.
APPLICATION	INT32		True	Flag that distinguishes among the types of containers in which a role can be defined. Valid values are:

Field	Type	Length	Null?	Description
				• 100: Platform • 101: Campaign • 102: Plan • 103: Deliver • 104: Optimize • 105: Interact • 107: Leads • 108: Reports • 110: Distributed Marketing • 111: CustomerInsight • 112: Digital Analytics for On Premises
PARTITION_ID	INT32		True	The partition to which the role belongs.
STATE	INT32		False	State.
NODE_PATH	VARCHAR	4000	True	Path to the node in the Roles hierarchy (ancestors).
SYSTEM_DEFINED	INT32		True	Flag that distinguishes between the types of roles. Valid values are: • 0: User-defined roles (created by IBM Marketing Software users) • 1: System-defined roles (present when Platform is first installed)

Field	Type	Length	Null?	Description
CREATE_BY	INT64		False	Numeric identifier of the user who created the role.
CREATE_DATE	DATETIME		False	Date on which the role was created.
UPDATE_DATE	DATETIME		True	Date on which the role was last updated.

USM_ROLE_ROLE_MAP

Stores data that supports the roles hierarchy.

Field	Type	Length	Null?	Description
ROLE_ID	INT64		False	ID of the role.
PARENT_ROLE_ID	INT64		False	ID of the parent role.
CREATE_DATE	DATETIME		False	Date on which the role hierarchy was created.
UPDATE_DATE	DATETIME		True	Date on which the role hierarchy was updated.

USM_USER_ROLE_MAP

Stores the relationship between users and roles. Note that the permissions implied in roles are not specific to the Platform but apply to all IBM Marketing Software applications that use granular security. Platform stores assigned permissions, but each application enforces the permissions.

Field	Type	Length	Null?	Description
USER_ID	INT64		False	ID of the user being assigned a role.

Field	Type	Length	Null?	Description
ROLE_ID	INT64		False	ID of the role being assigned to the user.
CREATE_DATE	DATETIME		False	Date on which the assignment was created.
UPDATE_DATE	DATETIME		True	Date on which the assignment was updated.

USM_PERMISSION

Stores permissions.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the permission.
NAME	VARCHAR2	322	False	Name of the permission.
DESCRIPTION	VARCHAR2	512	True	Description of the permission.
DISPLAY_NAME	VARCHAR2	256	True	Display name of the permission in the user interface.
TYPE	INT32		False	Flag that distinguishes among the types of permissions. Valid values are: • 1: Partition-level permission • 2: Policy-level permission
APPLICATION	INT32		True	Flag that distinguishes among the types of contain-

Field	Type	Length	Null?	Description
				ers in which a role can be defined. Valid values are: • 100: Platform • 101: Campaign • 102: Plan • 103: Deliver • 104: Optimize • 105: Interact • 106: Predictive Insight • 107: Leads • 108: Reports • 110: Distributed Marketing • 111: CustomerInsight • 112: Digital Analytics for On Premises
PARTITION_ID	INT32		True	The partition this permission belongs to. Used mostly by dynamic permissions in the reporting feature.
CATEGORY	VARCHAR2	256	True	Category
PERMISSION_ORDER	INT32		True	The order of the permissions.
OBJECT_NAME	VARCHAR	100	True	The object name.
OPERATION_NAME	VARCHAR	256	True	The operation name.
PERMISSION_MASK	INT32		True	The permission mask.

Field	Type	Length	Null?	Description
OBJECT_INSTANCE_-CHECK	INT32		False	Whether to check for an object instance.
VALID_MEMBER_ROLE_-TYPES	INT32		True	The valid member role types for this permission.
SYSTEM_DEFINED	INT32		True	Flag that distinguishes between the types of permissions. Valid values are: • 0: User-defined roles (created by IBM Marketing Software users) • 1: System-defined roles (present when Platform is first installed)
CREATE_BY	INT64		False	Numeric identifier of the user who created the role.
CREATE_DATE	DATETIME		True	Date on which the role was created.
UPDATE_DATE	DATETIME		True	Date on which the role was last updated.

USM_ROLE_PERMISSION_MAP

Stores the relationship of permissions to roles.

Field	Type	Length	Null?	Description
ROLE_ID	INT64		False	ID of the role being assigned a permission.

Field	Type	Length	Null?	Description
PERMISSION_ID	INT64		False	ID of permission being assigned to the role.
PERMISSION_STATE	INT32		False	Permission states. • 0: Denied • 1: Allowed • 2: Inherited
CREATE_DATE	DATETIME		False	Date on which the assignment was created.
UPDATE_DATE	DATETIME		True	Date on which the assignment was last updated.

USM_CONFIGURATION

Stores configuration properties managed through Platform on the Configuration page.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the configuration element.
ELEMENT_TYPE	INT32		False	Type of the configuration element. Valid values are: 1. suite 2. application 3. category 4. section 5. string_property 6. numeric_property 7. time_property

Field	Type	Length	Null?	Description
				8. text_property
				9. multivalue_property
				10. checkbox_property
				11. dropdown_property
				12. radio_property
				13. file_property
				14. url_property
				15. integer_property
INTERNAL_NAME	VARCHAR2	64	False	Internal name of the configuration element.
PARENT_ID	INT64		True	Identifier of the containing element. This enables the organization of configuration properties into a hierarchy.
CONFIGURATION_ORDER	INT32		True	Position of this element in the parent.
HIDDEN	INT8		False	Flag that controls visibility of the configuration element Valid values are: • 0: False • 1: True
READ_ONLY	INT8		False	Flag that controls whether the configuration element may be updated. Valid values are:

Field	Type	Length	Null?	Description
				• 0: False • 1: True
REMOVABLE	INT8		False	Flag that controls whether the configuration element can be removed. Valid values are: • 0: False • 1: True
ALLOW_BLANK	INT8		False	Flag that controls whether the value of the element can be empty. Valid values are: • 0: False • 1: True
PREFERENCE	INT8		False	Flag that controls whether the configuration element represents a user preference. Valid values are: • 0: False • 1: True
TEMPLATE	INT8		False	Flag that controls whether this configuration element is intended as a template for creating new configuration elements. Valid values are: • 0: False • 1: True

Field	Type	Length	Null?	Description
DISPLAY_NAME_KEY	VARCHAR	64	True	Key used to look up an internationalized name.
DISPLAY_NAME	VARCHAR2	256	True	Default display name if an internationalized name cannot be found.
DISPLAY_WIDTH	INT32		True	Maximum number of characters for display.
DESCRIPTION_KEY	VARCHAR	256	True	Key used to look up an internationalized description.
DEFAULT_KEY	VARCHAR	64	True	Key used to look up a localized default value for a string property.
DEFAULT_VALUE	FLOAT		True	Default value for numeric types.
USAGE_NOTE	VARCHAR2	256	True	Documentation on usage (not localized or displayed).
VALIDATION_CLASS	VARCHAR	256	True	Optional custom class to be used for validation.
OWNER	VARCHAR	64	True	Owner of the configuration element.
UPDATE_DATE	DATETIME		True	Date on which the configuration was last updated.
NS_THREAD	INT32		False	The nested set thread.
NS_LEFT	INT32		False	The nested set left pointer.
NS_RIGHT	INT32		False	The nested set right pointer.

Field	Type	Length	Null?	Description
VERSION	INT32		True	The field used for Hibernate optimistic locking.

USM_CONFIGURATION_VALUES

Stores the values of configuration properties managed through Platform on the Configuration page.

Field	Type	Length	Null?	Description
CONFIGURATION_ID	INT64		False	ID of the containing configuration.
CONFIGURATION_ORDER	INT32		False	Order of this value in the parent.
ENVIRONMENT_ID	INT32		False	Identifier that enables different values to be specified for different environments.
USER_ID	INT64		False	Identifies a user preference override (and the user to which it applies).
PREDEFINED	INT8		False	Flag that distinguishes between the types of configuration values. Valid values are:

Field	Type	Length	Null?	Description
				• 0: User-defined values (created by IBM Marketing Software users) • 1: System-defined values (present when Platform is first installed)
SELECTED	INT8		False	Flag that determines whether a value is selected. Valid values are: • 0: Unselected choice • 1: Selected
STRING_VALUE	VARCHAR2	1024	True	String value, applicable to string value property types.
NUMERIC_VALUE	FLOAT		True	Numeric value, applicable to numeric property types.
DATE_VALUE	DATETIME		True	Date value, applicable to date property types.
VERSION	INT32		True	The field used for Hibernate optimistic locking.

USM_AUDIT

Stores data about audit events.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier of the audit entry.

Field	Type	Length	Null?	Description
EVENT	VARCHAR	100	False	The audit event.
DESCRIPTION	VARCHAR2	1024	True	Description of the audit event.
DETAILS	VARCHAR2	2000	True	Additional details for the audit event.
TYPE	INT32		True	Type of the audit event.
HOST_NAME	VARCHAR2	256	True	Name of the host machine used to access the application.
BROWSER	VARCHAR2	256	True	Details of the browser used to access the application.
REQUEST	VARCHAR	4000	True	The URL of the request that generated an audit event. For example, a password change can be initiated from the login page the first time a user logs in, or from the user's detail page by clicking the Change Password link).
USER_NAME	VARCHAR2	256	True	Login name of the user who performed the action.
PARTITION_ID	INT64		False	Partition identifier for an audit event.
SEVERITY	VARCHAR2	50	False	Severity of an audit event.
AUDIT_DATE	DATETIME		True	Date the audit event occurred.

USM_AUDIT_BACKUP

Stores audit event data for backups.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier of the audit entry.
EVENT	VARCHAR	100	False	The audit event.
DESCRIPTION	VARCHAR2	1024	True	Description of the audit event.
DETAILS	VARCHAR2	2000	True	Additional details for the audit event.
TYPE	INT32		True	Type of the audit event.
HOST_NAME	VARCHAR2	256	True	The name of the machine used to access the application.
BROWSER	VARCHAR2	256	True	Browser used to access the application.
REQUEST	VARCHAR	4000	True	The URL of the request that generated an audit event. For example, a password change can be initiated from the login page the first time a user logs in, or from the user's detail page by clicking the Change Password link).
USER_NAME	VARCHAR2	256	True	Login name of the user who performed the action.

Field	Type	Length	Null?	Description
PARTITION_ID	INT64		False	Partition identifier for an audit event.
SEVERITY	VARCHAR2	50	False	Severity of an audit event.
AUDIT_DATE	DATETIME		True	Date the audit event occurred.

USM_DB_ACCESS

Stores the data sources accessible to a user of an IBM Marketing Software application, and system-level access to data sources accessible to IBM Marketing Software applications (such as LDAP connectivity information). Note that Platform does not use this table to store connection information for its own system tables.

Field	Type	Length	Null?	Description
USER_ID	INT64		False	Internal ID of a user.
PARTITION_ID	INT64		False	The partition from which this data source is accessible.
DATA_SOURCE	VARCHAR2	256	False	Name of the data source
DB_LOGIN	VARCHAR2	256	True	User name used to log into the data source.
DB_PASSWORD	VARCHAR	255	True	Encrypted password used to log into the data source.
CREATE_DATE	DATETIME		False	Date that this data source entry was defined.
UPDATE_DATE	DATETIME		True	Date that this data source entry was last updated.

USM_APPLICATION

Stores the IBM Marketing Software applications registered with Platform.

Field	Type	Length	Null?	Description
APP_ID	INT32		False	Internal numeric identifier for an IBM Marketing Software application registered with Platform.
APP_NAME	VARCHAR	64	False	String identifier for an IBM Marketing Software application registered with the Platform. If no display name is specified in the DISPLAY_NAME field in this table, it also serves as the display name in the Platform user interface.
APP_DESC	VARCHAR	256	True	Description of the application, displayed in the Platform user interface.
APP_TOKEN	VARCHAR	100	True	Public string identifier for an IBM Marketing Software application. Used by IBM Marketing Software applications to identify themselves when invoking services through the Platform API.
DISPLAY_NAME	VARCHAR2	256	False	Display name for an IBM Marketing Software application in the Platform user in-

Field	Type	Length	Null?	Description
				terface. If the display name is not specified here, the APP_NAME field is used in its place.

USM_TOKEN

Stores information that supports single sign-on through the use of short-lived tokens.

Field	Type	Length	Null?	Description
TOKEN_ID	VARCHAR	128	False	Token value
USER_ID	INT32		False	ID of the user requesting the token.
CREATE_DATE	DATETIME		False	Date on which the token was created.
DEST_APP	INT32		False	The application to which the user is navigating.
IS_NATIVE	INT32		False	To check token generation from REST API (0) call Or from internal Product(1) call

USM_PW_HISTORY

Stores user password history to limit re-use of passwords. The number of passwords stored is based upon the value of the Password history count property.

Field	Type	Length	Null?	Description
USER_ID	INT32		False	ID of the user who recently used this password.

Field	Type	Length	Null?	Description
SEQ_NUM	INT32		False	When this password was used, relative to the other passwords for the user. Higher numbers represent more recently used passwords.
PASSWD	VARCHAR	255	True	Encrypted password
ARCHIVE_DATE	DATETIME		False	Date and time that the password was last chosen by the user.

USM_DB_RESOURCE_BUNDLE

Stores information about resource bundles.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the resource bundle.
NAME	VARCHAR	256	False	Resource bundle's name.
LOCALE	VARCHAR	16	True	Resource bundle's locale.
APPLICATION	INT32		True	Resource bundle's application ID.
BUNDLE_PROPERTIES	CLOB		True	Resource bundle's properties.

USCH_TASK

Stores the metadata about all the scheduled tasks (event-triggered and time-based).

Field	Type	Length	Null?	Description
TASKID	INT64		False	Internal numeric identifier for the scheduled task.
NAME	VARCHAR2	150	False	Name the user entered for a scheduled task.
DESCRIPTION	VARCHAR2	512	True	Description the user entered for a scheduled task.
GROUPID	VARCHAR	100	False	ID of the throttling group with which the task is associated.
OBJECTTYPE	VARCHAR2	256	True	The type of the scheduled object.
OBJECTID	VARCHAR	256	True	The ID of the scheduled object in the client application.
OBJECTNAME	VARCHAR2	256	True	The name of the scheduled object in the client application.
PRODUCTID	VARCHAR	100	True	ID of the product to which the scheduled object belongs.
PAYLOAD	VARCHAR	4000	True	The runtime parameters required by the client application to run the scheduled process.
SCHEDULENAME	VARCHAR2	256	True	Name of the recurrence pattern.
SCHEDULE	VARCHAR	100	True	Cron expression string for the recurrence pattern.

Field	Type	Length	Null?	Description
SCHEDULESTART	DATETIME		True	Date and time when the recurrence pattern should start.
SCHEDULEEND	DATETIME		True	Date and time beyond which the recurrence pattern should stop.
LISTENINGTRIGGER	VARCHAR2	100	True	Trigger string for which the task listens to start the task (Used only by event-based tasks).
CREATEDBY	INT64		False	ID of the user who created the task.
PARTITIONID	INT64		False	ID of the partition of the user who created the task.
CREATEDTIME	DATETIME		False	Date and time when the task was created.
MODIFIEDBY	INT64		False	ID of the user who last modified the task.
MODIFIEDTIME	DATETIME		False	Date and time when the task was last modified.
STATUS	VARCHAR	100	False	Internal status of the schedule. Valid values are: • Scheduled • Triggered
TIMEZONE	VARCHAR2	100	False	The time zone of the user who is scheduling a task.

Field	Type	Length	Null?	Description
OCCURRENCES	INT64		False	Occurrences specified by user.
SOURCE	VARCHAR2	50	False	API versus server created task.
ISHIDDEN	VARCHAR2	12	False	Specifies whether this task appears or is hidden on the Task list page.
TAG	VARCHAR2	256	True	User entered tag for a scheduled task.
SCHEDULESTATE	INT32		False	Specifies whether this task is enabled or disabled.

USCH_TASK_DEPENDANCY

Stores the task ID and its dependant tasks.

Field	Type	Length	Null?	Description
TASK_ID	INT64		False	The task ID, from the Tasks table, for which the dependency is being defined.
DEPENDS_ON_TASK_ID	INT64		False	The task ID, from the Tasks table, on which the task identified in the TASK_ID field depends.

USCH_TRIGGER

Stores information about the triggers associated with SUCCEEDED or FAILED events for the Scheduler.

Field	Type	Length	Null?	Description
TASKID	INT64		False	ID of the task with which the trigger is associated.
EVENT	VARCHAR	100	False	Event type of the trigger (SUCCEEDED or FAILED).
TRIGGERSTRING	VARCHAR2	100	True	Outgoing trigger string used to trigger waiting tasks.

USCH_RUN

Stores information for current and completed Scheduler runs.

Field	Type	Length	Null?	Description
RUNID	INT64		False	Internal ID of the run.
TASKID	INT64		False	ID of the task to which the run belongs.
STARTDATE	DATETIME		False	Date and time when the run started.
STATUS_CHANGED_DATE	DATETIME		True	Date and time when the last run status was changed.
LASTUPDATE	DATETIME		True	Date and time when the last run status was received from the product to which the scheduled object be-longs.
TASKSTATE	VARCHAR	100	False	One of the following, based on the status received from the client application:

Field	Type	Length	Null?	Description
				• QUEUED
				• RUNNING
				• COMPLETED
				• UNKNOWN
				• CANCELED
STATUS	VARCHAR2	100	True	Status of the process initiated by the task, reported by the product to which the scheduled object belongs. At a minimum, the product must report SUCCEEDED or FAILED. The product could report additional statuses, for informational purposes only.
STATUSDETAIL	VARCHAR	4000	True	Additional details about the run, reported by the product to which the scheduled object belongs.
PAYLOAD	VARCHAR	4000	True	The runtime parameters required by the client application to run the scheduled process.

USM_ID_TABLE

Stores information that supports allocation of unique identifiers for classes of object types. For example, when a new user is created, the unique internal ID is generated based on the contents of this table.

Field	Type	Length	Null?	Description
TABLE_NAME	VARCHAR	32	False	Logical name of a table for which unique identifiers are needed.
TABLE_KEY	VARCHAR	32	False	Logical name of a key field in the table for which unique values are needed. This allows multiple unique key sets to be defined for a single table.
MAX_ID	INT32		False	Last unique value allocated.

USM_ATTRIBUTE

Stores metadata about attributes.

Field	Type	Length	Null?	Description
ID	INT64		False	The surrogate key.
NAME	VARCHAR2	256	False	The attribute name.
DATATYPE	INT32		False	The attribute data type.
CREATE_DATE	DATETIME		False	The date when this attribute was registered.
UPDATE_DATE	DATETIME		True	The date when this attribute was updated.

USM_ALERT_TYPE

Stores notice types for the known applications and for the scheduler.

Field	Type	Length	Null?	Description
ID	INT64		False	The surrogate key.

Field	Type	Length	Null?	Description
APP_ID	INT32		False	The application registering the alert type.
NAME	VARCHAR2	256	False	The alert type name.
DISPLAY_NAME_KEY	VARCHAR	256	True	The display name key for the alert type name.
GROUP_DISPLAY_NAME_-KEY	VARCHAR	256	True	The group name.
DEFAULT_SUBSCRIPTION	INT32		True	The default subscription mask for the alert type.
CREATE_DATE	DATETIME		False	The date when this alert type was registered.
UPDATE_DATE	DATETIME		True	The date when this alert type was updated.

USM_ALERT_TYPE_ATTR

Stores notice type attribute mapping information.

Field	Type	Length	Null?	Description
ID	INT64		False	The surrogate key.
ALERT_TYPE_ID	INT64		False	The reference to the alert type.
ATTRIBUTE_ID	INT64		False	The reference to the at-tribute.
IS_MANDATORY	INT8		True	Indicates whether the at-tribute is mandatory.

Field	Type	Length	Null?	Description
CREATE_DATE	DATETIME		False	The date when this alert type was registered.
UPDATE_DATE	DATETIME		True	The date when this alert type was updated.

USM_NOTIFICATION_MESSAGE

Stores the locale-specific message content.

Field	Type	Length	Null?	Description
ID	INT64		False	The surrogate key.
SEVERITY	INT32		False	The message severity.
HEADER	VARCHAR2	1000	False	The message header for the locale.
BODY	VARCHAR2	2000	False	The message content for the locale.
HEADER_MARKUP	VARCHAR2	1000	True	The message header markup for the locale.
BODY_MARKUP	VARCHAR2	2000	True	The message body markup for the locale.

USM_ALERT

Stores the notification message content, such as message importance and message date and time.

Field	Type	Length	Null?	Description
ID	INT64		False	The surrogate key.

Field	Type	Length	Null?	Description
MESSAGE_ID	INT64		False	the reference to USM_-NOTIFICATION_MESSAGE.
CATEGORY_NAME	VARCHAR2	128	False	Category of the alert message, used in routing.
ALERT_TYPE_ID	INT64		True	References the alert type for this alert.
IMPORTANCE	INT32		True	The importance of the alert being delivered.
APP_ID	INT32		True	The application that generated this alert.
NOTE	VARCHAR2	512	True	Internal note for tracking updates or the source event, determined by the product that issues the alert. The note should also be useful for support purposes.
SEND_DATE	DATETIME		False	The date and time when the message was sent.
ON_BEHALF	INT64		True	The ID of the user on behalf of whom this alert is being sent. Optional.

USM_USER_SUITE_ALERT

Stores the user-specific notice details.

Field	Type	Length	Null?	Description
USER_ID	INT64		False	The ID of the user who may be one of many recipients for an alert.
ALERT_ID	INT64		False	Reference to the USM_-ALERT record.
IS_READ	INT32		True	A flag that indicates whether the message has been read from the IBM Marketing Software inbox.

USM_USER_EMAIL_ALERT

Stores information about the delivery of notifications through the email channel, such as pending emails and the number of retries.

Field	Type	Length	Null?	Description
USER_ID	INT64		False	The ID of a user who may be one of many recipients for an alert message.
ALERT_ID	INT64		False	Reference to the USM_-ALERT record.
STATUS	INT32		True	A flag that indicates whether the message has been delivered.
NUM_RETRY	INT32		True	The number of retries attempted for delivery.
UPDATE_DATE	DATETIME		True	The date and time when the message delivery was last retried.

Field	Type	Length	Null?	Description
DELIVERY_INFO	VARCHAR2	512	True	The information message about message delivery.

USM_ALERT_SUBSCRIPTION

Stores information about user alert subscriptions.

Field	Type	Length	Null?	Description
ID	INT64		False	The surrogate key.
USER_ID	INT64		False	Identifier for the user.
ALERT_TYPE_ID	INT64		False	The alert type for which subscription is being stored.
SUBSCRIBED_CHANNEL	INT32		True	Identifies the channel through which the alert is sent.
CREATE_BY	INT64		False	Numeric identifier of the user who set the subscriptions. This can be either the owner of the user account or an admin user.
CREATE_DATE	DATETIME		False	Date on which the subscription was created.
UPDATE_BY	INT64		True	Numeric identifier of the user who updated the subscription. This can be either the owner of the user account or an admin user.
UPDATE_DATE	DATETIME		True	Date on which the subscription was last updated.

USM_NOTICE

Stores the alerts to be displayed either immediately to all logged-in users, or to users when they log in.

Field	Type	Length	Null?	Description
ID	INT64		False	Surrogate key.
DESCRIPTION	VARCHAR2	512	True	Internal note for administrative tracking only.
EXPIRY_DATE	DATETIME		True	The date and time when the alert expires.
IS_ACTIVE	INT32		True	A flag that indicates whether the alert is still active.
APP_ID	INT32		True	The application that issued the system alert.
APP_TOKEN	VARCHAR	256	True	Keeps track of a token that the issuing product uses for lookup when checking for updates.
SHOW_ON	INT32		False	A flag that indicates whether the alert is shown only when a user logs in, or to logged-in users as well.
CREATE_BY	INT64		True	Numeric identifier of the user who created the alert.
CREATE_DATE	DATETIME		False	Date on which the alert was created
UPDATE_BY	INT64		True	Numeric identifier of the user who updated the alert.

Field	Type	Length	Null?	Description
UPDATE_DATE	DATETIME		True	Date on which the alert was last updated.

USM_NOTICE_MESSAGE_MAP

Stores the mapping information for the system alerts to messages.

Field	Type	Length	Null?	Description
NOTICE_ID	INT64		False	The ID of the system alert.
LOCALE	VARCHAR2	20	False	The locale for the referenced message.
MESSAGE_ID	INT64		False	A reference to the message in USM_NOTIIFICATION_-MESSAGE table.

USM_NOTICE_TARGET

Stores the type and ID of the alert recipients.

Field	Type	Length	Null?	Description
NOTICE_ID	INT64		False	A reference to the system alert (a record in the USM_-NOTICE table).
TGT_ACCESS_CLASS	INT32		False	This can be one of the following: • 1 - partition • 2 - application • 3 - group • 4 - permission

Field	Type	Length	Null?	Description
TGT_ACCESS_CLASS_ID	INT64		False	Identifies the audience for the system alert.

DF_CONFIG

One of several tables for data filtering. Defines data filter configurations. Each data filter configuration establishes a scope for a set of objects sharing a common access criterion.

Field	Type	Length	Null?	Description
CONFIG_ID	INT64		False	Internal numeric identifier for the configuration.
CONFIG_NAME	VARCHAR	64	False	Name of the configuration.

DF_FIELDCONSTRAINT

One of several tables for data filtering. Defines single-field predicates for all filters.

Field	Type	Length	Null?	Description
FILTER_ID	INT64		False	Identifies the filter to which the field constraint applies.
LOGICAL_FIELD_ID	INT64		False	Field to which filter criteria are applied.
EXPRESSION	VARCHAR	64	False	Filter criteria to be applied to the field.

DF_FILTER

One of several tables for data filtering. Defines a set of criteria to which users and groups can be assigned.

Field	Type	Length	Null?	Description
FILTER_ID	INT64		False	Numeric identifier of the filter.
CONFIG_ID	INT64		False	The data filter configuration to which the filter is associated. Data filter configurations are defined in the DF_CONFIG table.
CONSTRAINT_HASH	INT32		False	A hash code representation of the filter, used to look up filters quickly.

DF_LOGICAL_FIELD

One of several tables for data filtering. Defines the logical fields used to create data filters. This table maps these logical fields to the physical fields of actual tables.

Field	Type	Length	Null?	Description
LOGICAL_FIELD_ID	INT64		False	Numeric identifier of the logical field.
LOGICAL_NAME	VARCHAR	64	False	Name of the logical field.
TYPE	VARCHAR	64	False	Type of the logical field. Valid values are: • java.lang.String • java.lang.Long • java.lang.Double • java.lang.Boolean • java.util.Date

DF_TABLE

One of several tables for data filtering. Identifies physical tables that may be secured by association with a data filter configuration as defined in the DF_CONFIG table

Field	Type	Length	Null?	Description
TABLE_ID	INT64		False	Numeric identifier for the physical table.
TABLE_NAME	VARCHAR	64	False	Actual name of the database table.

DF_TABLE_FIELD

One of several tables for data filtering. Maps fields in an actual table to the corresponding logical fields.

Field	Type	Length	Null?	Description
TABLE_ID	INT64		False	Table identifier.
LOGICAL_FIELD_ID	INT64		False	Logical field corresponding to the actual table field.
PHYSICAL_NAME	VARCHAR	64	False	Name of the actual table field.

DF_AUDIENCE

One of several tables for data filtering. Defines audiences in the sense used by Campaign. Audience is a mechanism for supporting multiple logical sets of data in a single table (that is, de-normalized data).

Field	Type	Length	Null?	Description
AUDIENCE_ID	INT64		False	Numeric identifier for the audience.
AUDIENCE_NAME	VARCHAR	64	False	Name of the audience.

DF_AUDIENCE_FIELD

One of several tables for data filtering. Identifies the fields of a table that distinguish between audiences contained in the table. This concept is not currently used by data filtering, but was added for consistency with Campaign catalogs.

Field	Type	Length	Null?	Description
AUDIENCE_ID	INT64		False	Audience for which distinguishing fields are being identified.
LOGICAL_FIELD_ID	INT64		False	One of the logical fields that identify records belonging to this audience.
FIELD_ORDER	INT32		False	Orders the set of fields used to identify records belonging to this audience. This is present for consistency with Campaign catalogs.

DF_AUDIENCE_TABLE

One of several tables for data filtering. Associates a set of data filters with a particular audience-table pair. Note that a set of data filters is identified by a data filter configuration as defined in the DF_CONFIG table.

Field	Type	Length	Null?	Description
AUDIENCE_ID	INT64		False	Audience being associated with the set of data filters.
TABLE_ID	INT64		False	Table being associated with the set of data filters.

Field	Type	Length	Null?	Description
CONFIG_ID	INT64		False	The set of data filters being associated with the audience-table pair.

OLS_ASSIGNMENT

Associates a principal (that is, a user or group) with a particular object identity, in a particular namespace. This table has a broader application than data filtering. Data filtering uses it as follows.

- NAMESPACE_ID corresponds to a particular data filter configuration as defined in the DF_CONFIG table (that is, a set of data filters).
- DATAOBJECT_ID corresponds to a particular data filter with the configuration.

Field	Type	Length	Null?	Description
NAMESPACE_ID	INT64		False	Identifies a set of objects in which the DATAOBJECT_ID field applies.
DATAOBJECT_ID	INT64		False	Object to which the assignment is being made.
PRINCIPAL_ID	INT64		False	User or group being assigned to the object.
PRINCIPAL_TYPE	INT32		False	Flag that distinguishes between the types of principals. Valid values are: • 1 - User • 2 - Group

OLS_DATAOBJECT

Stores objects to which user and group assignments can be made. Note the following:

- Only the identifier for the object is represented in this table - not the object state.
- The identifier must be unique within the namespace (that is, the primary key is a composite of NAMESPACE_ID and DATAOBJECT_ID).
- In the context of data filtering, NAMESPACE_ID corresponds to a CONFIG_ID in the DF_CONFIG table and DATAOBJECT_ID corresponds to FILTER_ID in the DF_FILTER table.

Field	Type	Length	Null?	Description
DATAOBJECT_ID	INT64		False	Unique identifier for the object (within the namespace).
NAMESPACE_ID	INT64		False	Represents a scope within which the set of objects have unique identifiers.
DATAOBJECT_TAG	VARCHAR	128	False	Optional string that can be associated with the object ID for application-specific purposes.

OLS_NAMESPACE

Stores namespaces, each of which represents a set of objects. The set of object IDs within a namespace must be unique.

Field	Type	Length	Null?	Description
NAMESPACE_ID	INT64		False	Numeric identifier for the namespace.
NAMESPACE_NAME	VARCHAR	64	False	Name of the namespace.

UAR_COMMON_SQL

Stores SQL fragments used by the reporting feature's schema generator to build reporting schemas.

Field	Type	Length	Null?	Description
SQL_NAME	VARCHAR	99	False	Internal name for the SQL fragment.
PRODUCT_CODE	VARCHAR	256	False	Code of the product the SQL fragment is for.
SELECT_CLAUSE	VARCHAR	2048	True	The SELECT part of the SQL statement.
FROM_CLAUSE	VARCHAR	4000	True	The FROM part of the SQL statement.
GROUP_BY_CLAUSE	VARCHAR	1024	True	The GROUP BY part of the SQL statement.

USM_ACTIVE_PORTLET

Stores information about dashboard pre-defined portlets.

Field	Type	Length	Null?	Description
APP_ID	INT32		False	ID of the application from which the pre-defined portlet is derived.
PORTLET_ID	VARCHAR	60	False	Internal numeric identifier for the pre-defined portlet.
PARTITION_ID	INT32		False	The partition to which the portlet belongs.
IS_ENABLED	INT32		False	Flag that denotes whether the pre-defined portlet is enabled for inclusion in dashboards.

USM_DASHBOARD

Stores dashboard information.

Field	Type	Length	Null?	Description
ID	INT64		False	Surrogate key.
DISPLAY_NAME	VARCHAR2	100	True	Display name of the dashboard in the IBM Marketing Software user interface.
DESCRIPTION	VARCHAR2	512	True	Description of the dashboard in the IBM Marketing Software user interface.
STATUS	INT32		False	Status of the dashboard. Valid values are: • Enable • Disable
DASHBOARD_TYPE	INT32		False	A flag that indicates whether a dashboard is public or private.
MAIN_DASHBOARD	INT32		False	A flag that indicates whether a dashboard is the global dashboard for a partition. There can be only one global dashboard per partition.
PARTITION_ID	INT32		True	The partition to which the dashboard belongs.
SYSTEM_DEFINED	INT32		False	A flag that indicates whether a dashboard is system defined. Valid values are:

Field	Type	Length	Null?	Description
				• 0 - system defined • 1- user defined
ALLOW_USER_LAYOUT	INT32		True	A flag that indicates whether the user is allowed to modify the dashboard layout. • 0 - not allowed • 1 - allowed
CREATE_BY	INT64		False	ID of the user who created the dashboard.
CREATE_DATE	DATETIME		False	Date and time when the dashboard was created.
UPDATE_BY	INT64		True	ID of the user who updated the dashboard.
UPDATE_DATE	DATETIME		True	Date and time when the dashboard was updated.

USM_DASHBOARD_PORTLET

Stores attributes of dashboard portlets.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the portlet.
DISPLAY_NAME	VARCHAR2	100	True	Display name of the portlet in the IBM Marketing Software user interface.

Field	Type	Length	Null?	Description
DESCRIPTION	VARCHAR2	512	True	Description of the portlet in the IBM Marketing Software user interface.
ACTIVE_SYSTEM_PORT-LET_REF	VARCHAR2	1000	True	A reference to the PORT-LET_ID of the USM_AC-TIVE_PORTLET table.
PORTLET_TYPE	INT32		False	Type of the portlet. Valid values are: • Public • Private
SYSTEM_DEFINED	INT32		False	A flag that indicates whether a portlet is system defined or user created. Valid values are: • System defined • User defined
STATUS	INT32		False	Status of the dashboard. Valid values are: • 1 - Enabled • 0 - Disabled
IFRAME_PORTLET_ID	INT64		True	ID of the iframe portlet.
PARTITION_ID	INT32		True	The ID of the partition to which the portlet belongs.
CREATE_BY	INT64		False	The ID of the user who created the portlet.

Field	Type	Length	Null?	Description
CREATE_DATE	DATETIME		False	Date and time when the portlet was created.
UPDATE_BY	INT64		True	ID of the user who updated the portlet.
UPDATE_DATE	DATETIME		True	Date and time when the portlet was updated.

USM_DASH_PORT_IFRAME_DET

Stores configuration settings for portlets.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the portlet.
SOURCE_URL	VARCHAR2	2000	True	URL for the portlet.
RELATIVE_PATH_TO_-CONTEXT	INT32		False	This field is not used.
AUTHENTICATE	INT32		False	This field is not used.
AUTHENTICATION_TYPE	INT32		False	A flag that indicates whether the portlet URL uses SSL. Valid values are: • 0 - does not use SSL • 1 - does use SSL
FORM_SUBMIT_METHOD	INT32		False	The form submit method for the portlet. Valid values are: • 0 - GET • 1 - POST

Field	Type	Length	Null?	Description
USER_NAME	VARCHAR2	200	True	User name for portlet authentication.
PASSWORD	VARCHAR2	1000	True	Password for portlet authentication.
HIDDEN_VARIABLES	VARCHAR2	2000	True	Other hidden variables to be submitted in the portlet URL.
HTML_ATTRIBUTES	VARCHAR2	2000	True	Other HTML attributes in the portlet URL.
ARCHIEVE	INT32		True	This field is not used.
ARCHIEVE_NAME	VARCHAR2	20	True	This field is not used.
ARCHIEVE_DATE	DATETIME		True	This field is not used.
ARCHIEVE_BY	INT64		True	ID of the user who archived the record.
CREATE_BY	INT64		False	ID of the user who created the portlet.
CREATE_DATE	DATETIME		False	Date and time when the portlet was created.
UPDATE_BY	INT64		True	ID of the user who updated the portlet.
UPDATE_DATE	DATETIME		True	Date and time when the portlet was updated.

USM_DASH_PORT_PREF_MAP

Stores details of portlet and dashboard preferences.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the preference.
DASHBOARD_ID	INT64		True	ID of the dashboard.
PORTLET_ID	INT64		True	ID of the portlet.
STATUS	INT32		False	Status of the dashboard. Valid values are: • Enable • Disable
PORTLET_LAYOUT_DE-TAILS	VARCHAR2	400	True	Portlet layout details.
PORTLET_HEIGHT	INT64		True	Height of the portlet.
PORTLET_WIDTH	INT64		True	Width of the portlet.
LEFT_POSITION	INT64		True	Left position of the portlet.
TOP_POSITION	INT64		True	Top position of the portlet.
PREFERANCE_USER_TYPE	INT32		True	Role of the user who created the dashboard. Valid values are: • 0 - user • 1 - administrator
MODIFIED_PORTLET_-NAME	VARCHAR2	100	True	Name of the portlet within the related dashboard.
MODIFIED_DASHBOARD_-TITLE	VARCHAR2	100	True	This field is not used.
PREF_DASH_PORTLET_-TYPE	INT32		False	Flag that indicates whether a preference applies to a port-

Field	Type	Length	Null?	Description
				let or a dashboard. Valid values are: • 0 - portlet • 1 - dashboard
PREF_DASH_COGNOS_-IS_VIEW	INT32		True	Cognos report portlets can be configured to execute a live report each time the portlet is accessed (isview:False), or a saved view can be displayed if an administrator has enabled this on the Cognos server (isview:True).
CREATE_BY	INT64		False	The ID of the user who placed the portlet on the dashboard.
CREATE_DATE	DATETIME		False	Date and time when the portlet was added to the dashboard.
UPDATE_BY	INT64		True	ID of the user who updated the dashboard or portlet.
UPDATE_DATE	DATETIME		True	Date and time when the dashboard or portlet was updated.

USM_DASHBOARD_USER_MAP

Stores user viewing rights to dashboards.

Field	Type	Length	Null?	Description
DASHBOARD_ID	INT64		False	ID of the dashboard.
USER_ID	INT64		False	ID of the user with view rights for the dashboard.
CREATE_BY	INT64		False	ID of the user who assigned the user to the dashboard.
CREATE_DATE	DATETIME		False	Date and time when the user was assigned to the dashboard.

USM_DASH_MANAGE_RIGHTS

Stores the permission that allows a user to manage a dashboard.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the user permission.
USER_ID	INT64		False	ID of the user delegated to administer the dashboard.
PERMISSION_TYPE	INT32		False	Flag that indicates what the user can manage. Valid values are: • 0 - portlet • 1 - dashboard • 2 - dashboard and portlet
CREATE_BY	INT64		True	ID of the user who created the dashboard or portlet.

Field	Type	Length	Null?	Description
CREATE_DATE	DATETIME		True	Date and time when the dashboard or portlet was created.

USM_DASHBOARD_ADMIN_USER_MAP

Stores the users who are allowed to administer dashboards.

Field	Type	Length	Null?	Description
DASHBOARD_ID	INT64		False	ID of the dashboard.
USER_ID	INT64		False	ID of the user delegated to administer the dashboard.
CREATE_BY	INT64		False	ID of the user who delegated the admin rights.
CREATE_DATE	DATETIME		False	Date and time when the dashboard admin rights were delegated.

USM_DASHBOARD_GROUP_MAP

Stores mappings of admin users to dashboards.

Field	Type	Length	Null?	Description
DASHBOARD_ID	INT64		False	Dashboard ID
ROLE_ID	INT64		False	ID of the role of the group given access to the dashboard.
CREATE_BY	INT64		False	ID of the user who granted access to the dashboard.

Field	Type	Length	Null?	Description
CREATE_DATE	DATETIME		False	Date and time when the access was granted to the dashboard.

USM_PORT_QUICKLINK_PREF

Stores the quick links for a portlet.

Field	Type	Length	Null?	Description
ID	INT64		False	Surrogate key.
PORTLET_ID	INT64		False	ID of the referenced portlet.
PREFERENCE	CLOB		False	The quick links the user selected for the portlet.
CREATE_BY	INT64		True	ID of the user who created the portlet.
CREATE_DATE	DATETIME		True	Date and time when the portlet was created.
UPDATE_BY	INT64		True	ID of the user who updated the portlet.
UPDATE_DATE	DATETIME		True	Date and time when the portlet was updated.

USM_PERSONALIZATION

Stores the personalization data for different object types.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the personalization.

Field	Type	Length	Null?	Description
USER_ID	INT64		False	ID of the user to whom the personalization belongs to
OBJECT_TYPE_ID	INT64		True	Object type for the personalization
OBJECT_ID	INT64		False	Object ID for the personalized item
PERSONALIZATION_DATA	NCLOB		False	The data used for the personalization
CREATE_DATE	DATETIME		True	Date and time when the personalization was created.
LAST_MODIFIED_DATE	DATETIME		True	Date and time when the personalization was last modified.

USM_OBJECT_TYPE

Stores object types used for personalization.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the object type.
APP_ID	INT32		False	ID of the application to which the object type belongs
NAME	VARCHAR2	128	False	Name of the object type
DESCRIPTION	VARCHAR2	256	True	Description of the object type

Field	Type	Length	Null?	Description
CREATE_DATE	DATETIME		True	Date on which the object type was created.
LAST_MODIFIED_DATE	DATETIME		True	Date and time when the object type was last modified.

USM_OBJECT_ATTR

Stores attributes for object types.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the object type.
OBJECT_TYPE_ID	INT64		False	Object type the attribute belongs to
ATTRIBUTE_NAME	VARCHAR2	128	False	Name of the attribute
ATTRIBUTE_DATA_TYPE	VARCHAR2	128	False	Data type for the attribute
IS_MANDATORY	INT8		True	Indicates whether the attribute is mandatory.
DEFAULT_VALUE	VARCHAR2	128	False	Default value for the attribute
CREATE_DATE	DATETIME		True	Date on which the object type was created.
LAST_MODIFIED_DATE	DATETIME		True	Date and time when the object type was last modified.

USCH_TASK_NOTIFICATION

Stores notifications for the Scheduler.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the notification.
TASK_ID	INT64		False	The schedule task ID that this notification is created for.
USER_ID	INT64		False	The user who creates the notification.
TITLE	VARCHAR2	128	False	The title of the task notification.
CONDITION	VARCHAR2	24	True	The condition that should be monitored for to send notifications.
NO_OF_HOURS	INT8		True	The number of hours after which the notification should be sent.
STATUS	VARCHAR2	16	False	Whether the notification is active or inactive.
PROCESSING	VARCHAR2	16	False	Used internally for multi threading.
DELIVERY	VARCHAR2	16	False	The delivery channel for the notification.
CREATE_DATE	DATETIME		True	Date on which the notification was created.
LAST_MODIFIED_DATE	DATETIME		True	Date and time when the notification was last modified.

USCH_RUN_NOTIFICATION

Stores Scheduler notifications already sent.

Field	Type	Length	Null?	Description
ID	INT64		False	Internal numeric identifier for the sent notification.
USCH_TASK_NOTIFI-CATION_ID	INT64		False	The ID of the notification in the USCH_TASK_NOTIFI-CATION table.
RUN_ID	INT64		False	The run ID for which the notification was sent.
SENT_DATE	DATETIME		True	Date and time when the notification was sent.

USCH_RUN_EXCLUSION

Stores the metadata about all the run exclusions.

Field	Type	Length	Null?	Description
RUNEXCLUSIONID	INT64		False	Internal numeric identifier for the run exclusion.
RUNEXCLUSIONNAME	VARCHAR2	150	False	The name that the user entered for a run exclusion.
DESCRIPTION	VARCHAR2	512	True	Description that the user entered for a run exclusion.
STARTDATE	DATETIME		True	Date and time when the run exclusion will come into effect.
ENDDATE	DATETIME		True	Date and time when the run exclusion will stop.

Field	Type	Length	Null?	Description
TIMEZONE	VARCHAR2	100	False	The time zone of the user who is creating a run exclusion.
DATETYPE	INT32		False	Run exclusion date type. Valid values: • 0-Absolute date type • 1-Relative date type
RELATIVEOCCURRENCE	VARCHAR2	100	True	Relative occurrence value when relative date type is selected.
RELATIVEDAY	INT32		True	Relative day value when relative date type is selected.
RELATIVEMONTH	INT32		True	Relative month value when relative date type is selected.
CREATEDBY	INT64		False	ID of the user who created the run exclusion.
CREATEDTIME	DATETIME		False	Date and time when the run exclusion was created.
MODIFIEDBY	INT64		False	ID of the user who last modified the run exclusion.
PARTITIONID	INT64		False	ID of the partition of the user who created the run exclusion.

Field	Type	Length	Null?	Description
MODIFIEDTIME	DATETIME		False	Date and time when the run exclusion was last modified.
STATUS	INT32		False	Status of the run Exclusion. Valid values are: • 1 - Enabled • 0 - Disabled
OCCURENCES	INT64		True	Number occurrences specified by user for relative Run Exclusion Schedule.
SCHEDULE	VAR-CHAR100	100	True	Cron expression string for the recurrence pattern defined for Relative Run Exclusion
SCHEDULE_NAME	VAR-CHAR(2)256	256	True	Name of the recurrence pattern defined for Relative Run Exclusion
EX_START_TIME	VAR-CHAR10	10	True	Relative Run Exclusion Start Time
EX-END_TIME	VAR-CHAR10	10	True	Relative Run Exclusion End Time
UI_DATA	VAR-CHAR100	100	True	Custom pattern data to be rendered on the UI
EX_START_MODE	VAR-CHAR15	15	True	Relative Run Exclusion Schedule start mode. String Value : possible values:

Field	Type	Length	Null?	Description
				1. Now
				2. on Date and Time
STOP_TYPE	INT32		True	1. stop by a date and Time
				0. occurrences

USCH_TASK_RUNEXCLUSION

Stores the Run exclusion ID and task ID.

Field	Type	Length	Null?	Description
RUNEXCLUSION_ID	INT64		False	The run exclusion ID from the USCH_RUN_EXCLUSION table.
TASK_ID	INT64		False	The task ID from the Tasks table on which the run exclusion is applied.

USM_COUNT_USAGE_ALERT

This table holds the alerts sent for the consumptions.

Field	Type	Length	Null ?	Description
ID	INT64		False	A unique ID for the record.
ENTITLEMEN-T_ID	VAR-CHAR2	120	False	The Product time when this count was increased
NOTIF_RULE	INT64		False	The Product counts that were added

USM_NOTIFICATION_RULE

This table stores the HCL Unica applications rules for notifications.

Field	Type	Length	Null ?	Description
ID	INT64		False	Internal numeric identifier for an HCL Unica notification rule
NAME	VAR-CHAR	120	False	The name of the rule
TYPE	INT32		False	The type of the rule
data	CLOB		True	The data that is consumed by the rule executor

USM_APPLICATION_CONF

This table stores the value as key value and hold some application configuration values.

Field	Type	Length	Null ?	Description
ID	INT64		False	A unique ID for the record.
CONFIG_KEY	VAR-CHAR2	100	False	The key for the record.
CONFIG_VAL-UE	CLOB		True	The value for the record.

USM_COUNT_QUEUE

This table holds the counts that were increased in call applications.

Field	Type	Length	Null ?	Description
ID	INT64		False	A unique ID for the record.
PRODUCT	INT64		False	The Product against which the counts needs to be increased
DATE_-ADDED	DATETIME		False	The Product time when this count was increased

ADDED_-COUNTS	INT64		False	The Product counts that were added
PARTITION_-NAME	VAR-CHAR2	1024	True	The Product counts that were added
FEATURE_-NAME	VAR-CHAR2	256	True	The feature name that needs to be used for non-unica products

USM_OPT_LOCK

This table holds the locks and helps in locking in case of clustered environment.

Field	Type	Length	Null ?	Description
ID	INT64		False	A unique ID for the record.
VERSION	INT64		False	The version that will increment once up-dated
LOCK_KEY	VAR-CHAR2	200	False	The key for the lock
LOCK_STATUS	INT64		False	The staus of the lock 0 for open and 1 for closed
LOCK_-AQUIRED_ON	DATETIME		False	The time when the lock was aquired
AQUIRED_BY	VAR-CHAR2	200	False	The th elock is aquired by which ma-chine

USM_KEY_STORE

This table holds the encrypted keys that are used in the application.

Field	Type	Length	Null ?	Description
ID	INT64		False	A unique ID for the record.

Field	Type	Length	Null ?	Description
VERSION	INT64		False	The version that will increment once updated
STORE_KEY	VARCHAR2	200	False	The key for the lock
STORE_DATA	BLOB		False	The encrypted data
MODIFIED_-DATE	DATETIME		False	The time when the lock was aquired

USM_COUNT_AUDIT

This table holds the counts that were increased in call applications.

Field	Type	Length	Null ?	Description
ID	INT64		False	A unique ID for the record.
DATE_ADDED	DATETIME		False	The Product time when this count was increased
INTERACT	INT64		False	The Product counts that were added
MKT_OPR	INT64		False	The Product counts that were added
MKT_OPR_EN-TR	INT64		False	The Product counts that were added
CAMPAIGN	INT64		False	The Product counts that were added
CNT_OPT	INT64		False	The Product counts that were added
PLATFORM	INT64		False	The Product counts that were added
DELIVER	INT64		False	The Product counts that were added
JOURNEY	INT64		False	The Product counts that were added
LINK_CONNEC-TOR	INT64		False	The Product counts that were added

ENT_DETAILS	CLOB		True	The Details of the consumption

USM_CAMPAIGN_PART_COUNT

This table holds the counts per partition consumed by Campaign.

Field	Type	Length	Null ?	Description
ID	INT64		False	A unique ID for the record.
PRODUCT	INT64		False	The Product against which the counts needs to be increased
PARTITION_- NAME	VAR- CHAR2	1024	False	The Partition name
UPDATED_- ON	DATETIME		False	The time when this value was last updates
LAST_- COUNT	INT64		False	The last count that was updated

USM_CLIENT_DETAILS

This table stores clientID and clientSecret used for calling login API to generate tokens.

Field	Type	Length	Null ?	Description
APPL_NAME	VAR- CHAR	256	False	Application Name
CLIENT_ID	INT32		False	Client id generated for given application name
CLIENT_SE- CRET	VAR- CHAR	256	False	Client secret generated for given application name

Content Integration Framework Tables

Tables prefixed with IF_ belong to the Content Integration Framework

IF_OBJECT_MAPPING

This table contains master information about mapping between two domain objects belonging to two different applications. For example, mapping between COM's Offer Template & DX's Content Template.

Field	Type	Length	Null?	Description
ID	INT64		False	A unique ID for the record.
APPLI-CATION1_ID	VARCHAR2	50	False	Application/system identifier of first application. This identifier is defined by the respective application's CIF plugin. For example, COM
PARTITION1_ID	INT64		True	Numeric identifier of Unica partition under which first application is registered.
OBJECT1_-TYPE	VARCHAR2	50	False	Type of first domain object.

Field	Type	Length	Null?	Description
				For example, OfferTemplate
OBJECT1_ID	VARCHAR2	750	True	System identifier of first object. For example, in case of OfferTemplate, it would be Offer template ID generated by COM.
OBJECT1_SCHEMA	CLOB		Flase	JSON schema of first object
APPLICATION2_ID	VARCHAR2	50	False	Application/system identifier of second application. This identifier is defined by the respective application's CIF plugin. For example, DX-CORE
PARTITION2_ID	INT64		True	Numeric identifier of Unica partition under which second

Field	Type	Length	Null?	Description
				application is registered.
OBJECT2_-TYPE	VARCHAR2	50	False	Type of second domain object. For example, ContentTemplate
OBJECT2_ID	VARCHAR2	750	True	System identifier of second object. For example, in case of DX's ContentTemplate, it would be unique identifier generated by HCL DX for the respective content template.
OBJECT2_-SCHEMA	CLOB		False	JSON schema of second object
CREATE_DATE	DATETIME		False	Record creation date
CREATED_BY	INT64		False	Numeric identifier of Unica user account used for creating mapping

Field	Type	Length	Null?	Description
				between two domain objects
UPDATE_DATE	DATETIME		True	Last modification date of record
UPDATED_BY	INT64		True	Numeric identifier of Unica user account used for last modification
AUTO_SYNC	INT8		False	Flag indicating the auto synchronization relationship between two mapped objects. Possible numeric values & their semantics are as follows – • 0 – Automatic synchronization is off • 1 – Automatic inbound

Field	Type	Length	Null?	Description
				synchro- nization is on (On- ly first object is syn- chronized with the updates received for sec- ond ob- ject from second applica- tion)
CONTEXT	VARCHAR2	4000	True	Holds contextu- al information specific to the use case. For most of the use cases, it is ex- pected to be in JSON format.

IF_OBJECT_ATTRIBUTE_MAPPING

This table holds mapping between individual attributes of two domain objects. This is child table of IF_OBJECT_MAPPING.

Field	Type	Length	Null?	Description
ID	INT64		False	A unique ID for the record.
OBJECT_MAP-PING_ID	INT64		False	Unique mapping identifier from IF_OBJEC-T_MAPPING
ATTRIBUTE1_-ID	VARCHAR2	500	False	Unique identifier of one of the attributes of first domain object. Must match the identifier specified in first objects schema (OBJECT1_-SCHEMA)
ATTRIBUTE2_-ID	VARCHAR2	500	False	Unique identifier of one of the attributes of second domain object. Must match the identifier specified in second objects schema (OBJECT2_-SCHEMA)

Field	Type	Length	Null?	Description
CREATE_DATE	DATETIME		False	Record creation date.
CREATED_BY	INT64		False	Numeric identifier of Unica user account used for creating mapping between two domain objects
UPDATE_DATE	DATETIME		True	Last modification date of record
UPDATED_BY	INT64		True	Numeric identifier of Unica user account used for last modification

IF_MAPPED_INSTANCES

This table holds information about actual instances mapped/synchronized using the mapping defined for respective domain objects in IF_OBJECT_MAPPING & IF_OBJECT_ATTRIBUTE_MAPPING tables. For example, for a mapping defined between COM's OfferTemplate & DX's ContentTemplate, this table would contain identifiers of individual Offers & corresponding DX Contents being synchronized.

Field	Type	Length	Null?	Description
ID	INT64		False	A unique ID for the record.

Field	Type	Length	Null?	Description
OBJECT_MAP-PING_ID	INT64		False	Unique map-ping identifier from IF_OBJEC-T_MAPPING
INSTANCE1_ID	VARCHAR2	700	False	Unique identifi-er of instance of type speci-fied in IF_OB-JECT_MAP-PING.OBJEC-T1_TYPE be-longing to the application specified in IF_-OBJECT_MAP-PING.APPLI-CATION1. **Note:** IF_OB-JECT_-MAP-PING.OB-JEC-T1_ID holds iden-tifier of the object

Field	Type	Length	Null?	Description
				✏️ template used for creating mapping. For example, in case of COM's Offer-Template mapped to DX's Content-Template, IF_OBJECT_-MAP-PING.OB-JEC-T1_ID would contain Offer tem-

Field	Type	Length	Null?	Description
				plate ID, whereas INSTANCE1_ID would contain identifier of the Offer created using respective Offer template.
INSTANCE2_ID	VARCHAR2	700	False	Unique identifier of instance of type specified in IF_OBJECT_MAPPING.OBJECT2_TYPE belonging to the application specified in IF_OBJECT_MAPPING.APPLICATION2.

Field	Type	Length	Null?	Description
				📝 **Note:** IF_OBJECT_MAPPING.OBJECT2_ID holds identifier of the object template used for creating mapping. For example, in case of COM's OfferTemplate mapped to DX's Content-

Field	Type	Length	Null?	Description
				Template, IF_OBJECT_MAPPING.OBJECT2_ID would contain DX's Content template ID, whereas INSTANCE2_ID would contain identifier of the DX content created using respective Content

Field	Type	Length	Null?	Description
				Template.
INSTANCE1_-TYPE	VARCHAR2	50	True	Type of actual instance represented by INSTANCE1_-ID. For example, in case of COM's Offer-Template mapping, this can contain either Offer or Variant since they both are concrete instances of Offer template.
INSTANCE2_-TYPE	VARCHAR2	50	True	Like INS-TANCE1_TYPE, this can contain the type of actual instance represented by INSTANCE2_ID.
CONTEXT	VARCHAR2	400	True	Holds contextual information specific to the use case.

Field	Type	Length	Null?	Description
CREATE_DATE	DATETIME		False	Record creation date
CREATED_BY	INT64		False	Numeric identifier of Unica user account used for creating mapping between two domain objects
UPDATE_DATE	DATETIME		True	Last modification date of record
UPDATED_BY	INT64		True	Numeric identifier of Unica user account used for last modification

IF_OA_MAPPING

This table contains master information about custom object actions attached to domain objects. For example, Google Translate, Google Analytics, Snap-CAST analytics etc services attached to COM's Offer templates.

Field	Type	Length	Null?	Description
ID	INT64		False	A unique ID for the record.
APPLICATION_-ID	VARCHAR2	50	False	Identifier of the application/system

Field	Type	Length	Null?	Description
				containing the domain object to which custom action is attached. This identifier is defined by the respective application's CIF plugin. For example, COM in case of COM's custom actions.
PARTITION_ID	INT64		False	Numeric identifier of Unica partition under which application containing the domain object is registered.
OBJECT_TYPE	VARCHAR2	50	False	Type of the domain object to which custom action is attached. For example, OfferTemplate in case of COM's

Field	Type	Length	Null?	Description
				custom ac-tions.
OBJECT_ID	VARCHAR2	200	False	Unique identi-fier generated by concerned application for the correspond-ing domain ob-ject. For exam-ple, in case of OfferTemplate, it would be Of-fer template ID generated by COM.
OBJECT_-SCHEMA	CLOB		False	JSON schema of domain ob-ject
ACTION_LABEL	VARCHAR2	250	False	User entered la-bel for custom action
SP_APPLI-CATION_ID	VARCHAR2	50	False	Identifier of the applica-tion/system providing nec-essary service to support giv-en custom ac-tion. This iden-

Field	Type	Length	Null?	Description
				tifier is defined by the respective application's CIF plugin.
SERVICE_ID	VARCHAR2	100	False	Unique identifier of the service being used to support concerned custom action. This identifier is defined by the respective application's CIF plugin.
SERVICE_-REQUEST_-SCHEMA	CLOB		True	JSON schema of the request object expected by the target service.
SERVICE_-RESPONSE_-SCHEMA	CLOB		False	JSON schema of the response object expected after successful execution of target service.

Field	Type	Length	Null?	Description
CREATE_DATE	DATETIME		False	Record creation date
CREATED_BY	INT64		False	Numeric identifier of Unica user account used for creating custom object action.
UPDATE_DATE	DATETIME		True	Last modification date of record
UPDATED_BY	INT64		True	Numeric identifier of Unica user account used for last modification

IF_OA_ATTRIBUTE_MAPPING

This table holds mapping between individual attributes of the domain object to which custom action is attached and the request & response objects of supporting service. This is child table of IF_OA_MAPPING.

Field	Type	Length	Null?	Description
ID	INT64		False	A unique ID for the record.
OA_MAPPING_-ID	INT64		False	Unique mapping identifier from IF_OA_-MAPPING

Field	Type	Length	Null?	Description
ATTRIBUTE_-TYPE	VARCHAR2	10	False	Type of attribute mapping. Must be one of the following values – • REQUEST • RESPONSE
SOURCE_AT-TRIBUTE_ID	VARCHAR2	350	False	If ATTRIBUTE_-TYPE is RE-QUEST, this represents the unique identifier of one of the attributes of domain object. Must match the identifier specified in domain objects schema (IF_OA_MAP-PING.OBJECT_-SCHEMA) If ATTRIBUTE_-TYPE is RESPONSE, this represents the unique identifier of one of the attributes

Field	Type	Length	Null?	Description
				of response object received from target service. Must match the identifier specified in service's response objects schema (IF_OA_MAPPING. SERVICE_RESPONSE_SCHEMA)
TARGET_ATTRIBUTE_ID	VARCHAR2	350	False	If ATTRIBUTE_TYPE is REQUEST, this represents the unique identifier of one of the attributes of request object supplied to the target service. Must match the identifier specified in service's request object schema (IF_OA_MAPPING. SERVICE_

Field	Type	Length	Null?	Description
				REQUEST_-SCHEMA) If ATTRIBUTE_-TYPE is RESPONSE, this represents the unique identifier of one of the attributes of domain object. Must match the identifier specified in domain objects schema (IF_OA_MAPPING.OBJECT_-SCHEMA)
CREATE_DATE	DATETIME		False	Record creation date
CREATED_BY	INT64		False	Numeric identifier of Unica user account used for creating custom object action
UPDATE_DATE	DATETIME		True	Last modification date of record

Field	Type	Length	Null?	Description
UPDATED_BY	INT64		True	Numeric iden-tifier of Unica user account used for last modification