

**Unica Contact Central V12.13
System Schema**



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Chapter 1. Overview

This guide is a reference to the table and column structure, content, and semantics of the database system for Unica Contact Central.

System Tables

The following list mentions all the system tables used by Unica Contact Central.

- [UPC_PREFERENCE_TYPE \(on page 1\)](#)
- [UPC_REGIONAL_PREFERENCE \(on page 2\)](#)
- [UPC_CHANNEL_PREFERENCE \(on page 3\)](#)
- [UPC_CHANNEL_PREFERENCE_MAPPING \(on page 5\)](#)
- [UPC_CHANNEL \(on page 5\)](#)
- [UPC_CHANNEL_CAPACITY \(on page 6\)](#)
- [UPC_CHANNEL_CAPACITY_TRANSACTIONS \(on page 8\)](#)
- [UPC_CONSENT_CATEGORY \(on page 8\)](#)
- [UPC_AUDIENCE \(on page 9\)](#)
- [UPC_CONSENT \(on page 10\)](#)
- [UPC_CONSENT_DETAILS \(on page 11\)](#)

UPC_PREFERENCE_TYPE

This table stores information related to preference types for different regional preferences.

Field	Type	Length	Null?	Description
<u>Id</u> (Primary Key)	INT	64	False	Unique ID of the table.
Preference_type	VAR-CHAR	250	False	The type of regional preference. <ul style="list-style-type: none">• 0 - Global• 1 - Custom
createdDateEpoch	INT	64	False	Created date epoch.

Field	Type	Length	Null?	Description
lastModifiedDate- Epoch	INT	64	False	Last modified date epoch.
createdby	INT	20	False	Platform ID of the user who created the entry.
modifiedby	INT	20	False	Platform ID of the user modifying the entry
version	INT	20	False	Version information for optimistic locking.

UPC_REGIONAL_PREFERENCE

This table stores information related to regional preferences created by the user.

Field	Type	Length	Null?	Description
id (Primary Key)	INT	64	False	Unique ID of the regional preference.
upc_preference_ type_id (Foreign Key)	INT	20	False	Unique ID of the regional preference type. The values can be: <ul style="list-style-type: none"> • 0 - Global • 1 - Custom
preference_name	VAR- CHAR	64	False	A name for the regional preference.
timezone	VAR- CHAR	200	False	The time zone ID.
createdDateEpoch	INT	64	False	Created date epoch.
lastModifiedDate- Epoch	INT	64	False	Last modified date epoch.

Field	Type	Length	Null?	Description
<code>createdby</code>	INT	20	False	Platform ID of the user who created the entry.
<code>modifiedby</code>	INT	20	False	Platform ID of the user modifying the entry
<code>version</code>	INT	20	False	Version information for optimistic locking.

UPC_CHANNEL_PREFERENCE

This table stores information related to channel preferences created by the user to link to a global preference.

Field	Type	Length	Null?	Description
<code>Id (Primary Key)</code>	INT	64	False	Unique ID of the regional preference.
<code>channel_preference_name</code>	VAR-CHAR	64	False	A name for the channel preference.
<code>business_days</code>	CLOB		False	Stores the selected working days and working hour. For example, 1-1000:1400 2-1000:1800. The example states that the Marketer, or Customer, has set business days and working hours as:

Field	Type	Length	Null?	Description
				<ul style="list-style-type: none"> Monday (10:00 am to 2:00 pm) Tuesday (10:00 am to 6:00 pm)
<code>excluded_days</code>	CLOB		True	<p>Excluded days.</p> <p>For example,</p> <p><code>1640419470-1;Christmas</code></p> <p>Here <code>1640419470</code> is epoch second value for 25 Dec 2021.</p> <p>The example states that the Marketer, or Customer, has chosen following days are non-working days:</p> <ul style="list-style-type: none"> 25 Dec 2021 – Holiday – Christmas
<code>createdDateEpoch</code>	INT	64	False	Created date epoch.
<code>lastModifiedDateEpoch</code>	INT	64	False	Last modified date epoch.
<code>createdby</code>	INT	20	False	Platform ID of the user who created the entry.
<code>modifiedby</code>	INT	20	False	Platform ID of the user modifying the entry
<code>version</code>	INT	20	False	Version information for optimistic locking.

UPC_CHANNEL_PREFERENCE_MAPPING

This table stores information related to mapping between global preference, channel preference, and their corresponding channels.

Field	Type	Length	Null?	Description
id (Primary Key)	INT	64	False	Unique ID of the table.
regional_preference_id	INT	20	False	Unique ID of the regional preference.
channel_preference_id	INT	20	False	Unique ID of the channel preference.
channel_id	INT	20	False	Unique ID of the channel.
createdDateEpoch	INT	64	False	Created date epoch.
lastModifiedDateEpoch	INT	64	False	Last modified date epoch.
createdby	INT	20	False	Platform ID of the user who created the entry.
modifiedby	INT	20	False	Platform ID of the user modifying the entry
version	INT	20	False	Version information for optimistic locking.

UPC_CHANNEL

This table stores information related to channel names supported by Contact Central.

Field	Type	Length	Null?	Description
id (Primary Key)	INT	64	False	Unique ID of the channel.
channel_name	INT	20	False	Name of the channel. The channel names can be:

Field	Type	Length	Null?	Description
				1. Email 2. SMS 3. Push 4. WhatsApp
<code>createdDateEpoch</code>	INT	64	False	Created date epoch.
<code>lastModifiedDateEpoch</code>	INT	64	False	Last modified date epoch.
<code>createdby</code>	INT	20	False	Platform ID of the user who created the entry.
<code>modifiedby</code>	INT	20	False	Platform ID of the user modifying the entry
<code>version</code>	INT	20	False	Version information for optimistic locking.

UPC_CHANNEL_CAPACITY

This table stores information related to channel capacity allocation for each channel.

Field	Type	Length	Null?	Description
<code>Id</code> (Primary Key)	INT	64	False	Unique ID of the table.
<code>channel_id</code> (Foreign Key)	INT	64	False	Unique ID of the channel.
<code>capacity</code>	INT	20	False	Capacity allocated for the channel.
<code>frequency</code>	INT	2	False	Duration for the allocated capacity:

Field	Type	Length	Null?	Description
				<ul style="list-style-type: none"> • 1 - Daily • 7 - Weekly
timezone	VAR-CHAR	250	False	The time zone ID.
start_date	INT	64	False	Epoch seconds representing start day and time based on frequency.
end_date	INT	64	False	Epoch seconds representing end day and time based on frequency.
enabled	INT	1	False	Enabled.
available_capacity	INT	20	False	Capacity available for the channel.
description	VAR-CHAR	1000	False	Description.
cc_uid	VAR-CHAR	200	False	Unique UID for the capacity.
createdDateEpoch	INT	64	False	Created date epoch.
lastModifiedDateEpoch	INT	64	False	Last modified date epoch.
createdby	INT	20	False	Platform ID of the user who created the entry.
modifiedby	INT	20	False	Platform ID of the user modifying the entry
version	INT	20	False	Version information for optimistic locking.

UPC_CHANNEL_CAPACITY_TRANSACTIONS

Field	Type	Length	Null?	Description
Id (Primary Key)	INT	64	False	Unique ID of the table.
channel_id (Foreign Key)	INT	64	False	Unique ID of the channel.
capacity	INT	20	False	Allocated capacity in a particular transaction.
type	INT	20	False	Type: <ul style="list-style-type: none"> • 0 - Blocked Capacity • 1 - Unconsumed Capacity
application_id	INT	20	False	Application ID that is blocking or unblocking the capacity.
createdDateEpoch	INT	64	False	Created date epoch.
lastModifiedDateEpoch	INT	64	False	Last modified date epoch.
createdby	INT	20	False	Platform ID of the user who created the entry.
modifiedby	INT	20	False	Platform ID of the user modifying the entry
version	INT	20	False	Version information for optimistic locking.

UPC_CONSENT_CATEGORY

Field	Type	Length	Null?	Description
id	INT		False	Unique ID of the table.

Field	Type	Length	Null?	Description
name	VAR-CHAR2	250	False	
createdDateEpoch	INT		False	Created date epoch.
lastModifiedDate- Epoch	INT		False	Last modified date epoch.
version	INT	20	False	Version information for optimistic locking.
createdby	INT	20	False	Platform ID of the user who created the entry.
modifiedby	INT	20	False	Platform ID of the user modifying the entry

UPC_AUDIENCE

Field	Type	Length	Null?	Description
id	INT		False	Unique ID of the table.
partition_name	VAR-CHAR2	250	False	
audience_level	VAR-CHAR2	250	False	
audience_field_- enum	SMAL-LINT		False	
audience_number	INT		False	
audience_text	VAR-CHAR2	250	False	
audience_json	CLOB		False	

Field	Type	Length	Null?	Description
audience_hash	VAR-CHAR2	250	False	
audience_email	VAR-CHAR2	250	False	The email address of the audience.
audience_mobile	VAR-CHAR2	250	False	The mobile number of the audience.
audience_device_id	VAR-CHAR2	250	False	The installation ID of the app in the audience's phone.
createdDateEpoch	INT		False	Created date epoch.
lastModifiedDateEpoch	INT		False	Last modified date epoch.
version	INT		False	Version information for optimistic locking.
createdby	INT		False	Platform ID of the user who created the entry.
modifiedby	INT		False	Platform ID of the user modifying the entry

UPC_CONSENT

Field	Type	Length	Null?	Description
id	INT		False	Unique ID of the table.
audience_id	INT		False	
consent_source	VAR-CHAR2	100	False	
channel_id	INT		False	

Field	Type	Length	Null?	Description
category_id	INT		False	
optedOut	INT	1	False	Stores the audience consent. The valid values are: <ul style="list-style-type: none"> • 0 for No • 1 for Yes
reason	VAR-CHAR2	250	False	Detailed reason for audience not providing consent.
consentDateEpoch	INT		False	Consent date epoch.
createdDateEpoch	INT		False	Created date epoch.
lastModifiedDateEpoch	INT		False	Last modified date epoch.
version	INT	20	False	Version information for optimistic locking.
createdby	INT	20	False	Platform ID of the user who created the entry.
modifiedby	INT	20	False	Platform ID of the user modifying the entry

UPC_CONSENT_DETAILS

Field	Type	Length	Null?	Description
id	INT		False	Unique ID of the table.
audience_id	INT		False	
channel_id	INT		False	

Field	Type	Length	Null?	Description
optedOut	INT	1	False	Stores the audience consent. The valid values are: <ul style="list-style-type: none"> • 0 for No • 1 for Yes
consentDateEpoch	INT		False	Consent date epoch.
createdDateEpoch	INT		False	Created date epoch.
lastModifiedDateEpoch	INT		False	Last modified date epoch.
version	INT	20	False	Version information for optimistic locking.
createdby	INT	20	False	Platform ID of the user who created the entry.
modifiedby	INT	20	False	Platform ID of the user modifying the entry