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# Genesys Info Mart Physical Data Model for an Oracle Database

Table **CAMPAIGN\_GROUP\_SESSION\_FACT**

# Table CAMPAIGN\_GROUP\_SESSION\_FACT

## Description

**Modified:** 8.5.015.19 (PRODUCER\_BATCH\_ID added); 8.5.003 (in Oracle, fields with VARCHAR data types use explicit CHAR character-length semantics)

In partitioned databases, this table is partitioned.

Each row represents an outbound campaign group session, where a session is started when a campaign group is loaded and ended when a campaign group is unloaded. The grain of the fact is an accumulating snapshot that represents the duration of the campaign group session.

### Tip

To assist you in preparing supplementary documentation, click the following link to download a comma-separated text file containing information such as the data types and descriptions for all columns in this table: [Download a CSV file](#).

**Hint:** For easiest viewing, open the downloaded CSV file in Excel and adjust settings for column widths, text wrapping, and so on as desired. Depending on your browser and other system settings, you might need to save the file to your desktop first.

## Column List

### Legend

| Column                      | Data Type  | P | M | F | DV |
|-----------------------------|------------|---|---|---|----|
| CAMP_GROUP_SESSION_FACT_KEY | NUMBER(19) | X | X |   |    |
| GROUP_KEY                   | NUMBER(10) |   | X | X |    |
| CAMPAIGN_KEY                | NUMBER(10) |   | X | X |    |
| TENANT_KEY                  | NUMBER(10) |   | X | X |    |

Table CAMPAIGN\_GROUP\_SESSION\_FACT

| Column                    | Data Type         | P | M | F | DV |
|---------------------------|-------------------|---|---|---|----|
| START_DATE_TIME_KEY       | NUMBER(10)        |   | X | X |    |
| END_DATE_TIME_KEY         | NUMBER(10)        |   | X | X |    |
| CREATE_AUDIT_KEY          | NUMBER(19)        |   | X | X |    |
| UPDATE_AUDIT_KEY          | NUMBER(19)        |   | X | X |    |
| START_TS                  | NUMBER(10)        |   |   |   |    |
| END_TS                    | NUMBER(10)        |   |   |   |    |
| TOTAL_DURATION            | NUMBER(10)        |   |   |   |    |
| CAMPAIGN_GROUP_SESSION_ID | VARCHAR2(64 CHAR) |   |   |   |    |
| ACTIVE_FLAG               | NUMBER(1)         |   |   |   |    |
| PURGE_FLAG                | NUMBER(1)         |   |   |   |    |
| PRODUCER_BATCH_NUM        | NUMBER(19)        |   |   |   |    |

## CAMP\_GROUP\_SESSION\_FACT\_KEY

The primary key of this table.

## GROUP\_KEY

The surrogate key that is used to join the GROUP\_ dimension to the fact tables.

## CAMPAIGN\_KEY

The surrogate key that is used to join the CAMPAIGN dimension to the fact tables.

## TENANT\_KEY

The surrogate key that is used to join the TENANT dimension to the fact tables.

## START\_DATE\_TIME\_KEY

Identifies the start of a 15-minute interval in which the campaign group session began. Use this value as a key to join the fact tables to any configured DATE\_TIME dimension, in order to group the facts that are related to the same interval and/or convert the START\_TS timestamp to an appropriate time zone.

## END\_DATE\_TIME\_KEY

Identifies the start of a 15-minute interval in which the campaign group session ended. Use this value

as a key to join the fact tables to any configured DATE\_TIME dimension, in order to group the facts that are related to the same interval and/or convert the END\_TS timestamp to an appropriate time zone.

### CREATE\_AUDIT\_KEY

The surrogate key that is used to join to the CTL\_AUDIT\_LOG control table. The key specifies the lineage for data creation. This value can be useful for aggregation, enterprise application integration (EAI), and ETL tools — that is, applications that need to identify newly added data.

### UPDATE\_AUDIT\_KEY

The surrogate key that is used to join to the CTL\_AUDIT\_LOG control table. The key specifies the lineage for data update. This value can be useful for aggregation, enterprise application integration (EAI), and ETL tools — that is, applications that need to identify recently modified data.

### START\_TS

The UTC-equivalent value of the date and time at which the campaign group session began.

### END\_TS

The meaning depends on the value of ACTIVE\_FLAG. For an inactive row, this field represents the UTC-equivalent value of the date and time at which the campaign group session ended. For an active row, this value represents a UTC-equivalent value of the date and time far in the future, so that applications do not have to test for null.

### TOTAL\_DURATION

The meaning depends on the value of ACTIVE\_FLAG. For an inactive row, the total duration, in seconds, of the campaign group session. For an active row, the duration, in seconds, that the campaign group session was active, from start time to the time that the ETL last executed.

### CAMPAIGN\_GROUP\_SESSION\_ID

The ICON source SessID for the campaign group session with which this session fact is related.

### ACTIVE\_FLAG

Indicates whether the campaign group session is currently active: 0 = No, 1 = Yes.

**PURGE\_FLAG**

This field is reserved.

**PRODUCER\_BATCH\_ID**

**Introduced:** Release 8.5.015.19  
Reserved for internal use.

## Index List

| CODE        | U | C | Description  |
|-------------|---|---|--|
| I_CGSEF_SID | X |   | Ensures that the facts that are stored in the table are for unique sessions. |
| I_CGSEF_DT  |   |   | Improves access time, based on the Start Date Time key.                      |
| I_CGSEF_TNT |   |   | Improves access time, based on the Tenant.                                   |

## Index I\_CGSEF\_SID

| Field                     | Sort      | Comment |
|---------------------------|-----------|---------|
| CAMPAIGN_GROUP_SESSION_ID | Ascending |         |
| START_DATE_TIME_KEY       | Ascending |         |

## Index I\_CGSEF\_DT

| Field               | Sort      | Comment |
|---------------------|-----------|---------|
| START_DATE_TIME_KEY | Ascending |         |
| END_DATE_TIME_KEY   | Ascending |         |

## Index I\_CGSEF\_TNT

| Field      | Sort      | Comment |
|------------|-----------|---------|
| TENANT_KEY | Ascending |         |

## Subject Areas

- **Campaign\_Group\_Session** — Represents campaign groups as they are being loaded and unloaded.
- **Facts** — Represents the relationships between subject area facts.