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# Genesys Info Mart Physical Data Model for a PostgreSQL Database

Table ANCHOR\_FLAGS

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## Description

**Modified:** 8.5.004 (CUSTOMER\_LEFT\_FIRST column added); 8.5.001 (population of FIRST\_\*\_THRD metrics made conditional)

In partitioned databases, this table is not partitioned.

This dimension table contains possible combinations of flags that indicate the first participation of an agent in a particular interaction, in a reply within a particular interaction, in a particular interaction thread, or in a reply within a particular interaction thread, as well as the first participation by any handling resource in the thread. Each row represents the mapping of a distinct combination of values that are actually set in the ANCHOR\_FLAGS\_KEY field in the INTERACTION\_RESOURCE\_FACT table by means of a bit mask.

This dimension enables IRFs to be described based on a number of aspects of participation in an interaction thread at the same time, and it enables downstream reporting applications to report thread metrics for agent and other handling resources at the agent level and at the tenant level.

### Important

Interaction thread metrics accounted for in the ANCHOR\_FLAGS table do not apply to Chat Thread reporting with Advanced Chat.

### 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 |
|-----------------------------|-------------|---|---|---|----|
| ANCHOR_FLAGS_KEY            | Integer     | X | X |   |    |
| FIRST_ENGAGE_FOR_AGENT_IYN  | numeric(1)  |   | X |   |    |
| FIRST_REPLY_FOR_AGENT_IYN   | numeric(1)  |   | X |   |    |
| FIRST_ENGAGE_FOR_AGENT_THRD | numeric(1)  |   | X |   |    |
| FIRST_REPLY_FOR_AGENT_THRD  | numeric(1)  |   | X |   |    |
| FIRST_ENGAGE_THRD           | numeric(1)  |   | X |   |    |
| CUSTOMER_LEFT_FIRST         | numeric(1)  |   | X |   | 0  |
| CREATE_AUDIT_KEY            | numeric(19) |   | X | X |    |
| UPDATE_AUDIT_KEY            | numeric(19) |   | X | X |    |

## ANCHOR\_FLAGS\_KEY

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

## FIRST\_ENGAGE\_FOR\_AGENT\_IYN

In the IRF for an agent, indicates whether this is the first participation by that agent in the interaction: 0 = No, 1 = Yes.

This flag is set in the IRF for an agent's first connection into the interaction — for example, when the agent accepts a route, accepts a transfer or conference, or pulls an interaction from a queue or workbin (excluding workbin hold). Unlike the other flags, which can be set for multimedia interactions only, this flag can also apply to voice interactions.

This flag applies to participation in either the inbound or outbound portions of an interaction; for example, it will be set when the agent's first participation in an interaction is in an OutboundReply to an Inbound interaction.

This flag does not apply if the IRF does not show the agent connecting to the interaction — for example, if the agent is offered an interaction but does not accept. This flag also does not apply to collaborations.

## FIRST\_REPLY\_FOR\_AGENT\_IYN

In the IRF for an agent, indicates whether this is the first participation by that agent in a reply within the interaction: 0 = No, 1 = Yes.

This flag is set in the IRF for an agent's first connection into an OutboundReply for the interaction — for example, when the agent initiates an OutboundReply, accepts a route, accepts a transfer, or pulls an interaction from a queue or workbin (excluding workbin hold). If the interaction contains more

than one OutboundReply, this flag applies to the agent's first participation in any one of them. The OutboundReply does not need to be successful (in other words, sent).

This flag does not apply if the IRF does not show the agent connecting to the interaction — for example, if the agent is offered an OutboundReply but does not accept. This flag also does not apply to collaborations.

Note: An agent's first participation in an OutboundReply for an interaction might also be the agent's first participation in the interaction, which is indicated in FIRST\_ENGAGE\_FOR\_AGENT\_IYN.

## FIRST\_ENGAGE\_FOR\_AGENT\_THRD

In the IRF for an agent, indicates whether this is the first participation by that agent in any of the interactions in a thread: 0 = No, 1 = Yes.

This flag is set in the IRF for an agent's first connection into any one of the interactions in the thread — for example, when the agent accepts a route, accepts a transfer or conference, or pulls an interaction from a queue or workbin (excluding workbin hold).

This flag applies to participation in either the inbound or outbound portions of an interaction; for example, it will be set if the agent's first participation in the interaction thread is in an OutboundReply to an Inbound interaction.

This flag does not apply if the IRF does not show the agent connecting to the interaction — for example, if the agent is offered an interaction but does not accept. This flag also does not apply to collaborations.

Starting with release 8.5.001, this flag is set only if the **populate-thread-facts** configuration option is set to `true`. Otherwise, the value of this field is always 0.

## FIRST\_REPLY\_FOR\_AGENT\_THRD

In the IRF for an agent, indicates whether this is the first participation by the agent in a reply for any of the interactions in the thread: 0 = No, 1 = Yes.

This flag is set in the IRF for an agent's first connection into an OutboundReply for any one of the interactions in the thread — for example, when the agent initiates an OutboundReply, accepts a route, accepts a transfer, or pulls an interaction from a queue or workbin (excluding workbin hold). The OutboundReply does not need to be successful (in other words, sent).

This flag does not apply if the IRF does not show the agent connecting to the interaction — for example, if the agent is offered an OutboundReply but does not accept. This flag also does not apply to collaborations.

Note: An agent's first participation in an OutboundReply for a thread might also be the agent's first participation in the thread, which is indicated in FIRST\_ENGAGE\_FOR\_AGENT\_THRD.

Starting with release 8.5.001, this flag is set only if the **populate-thread-facts** configuration option is set to `true`. Otherwise, the value of this field is always 0.

## FIRST\_ENGAGE\_THRD

Indicates whether this is the first participation, by any handling resource, in the interaction thread: 0 = No, 1 = Yes.

This flag is set in the IRF for the handling resource (agent or strategy) that first participates in the thread — for example, when an agent accepts an Inbound interaction, or when a strategy generates an AutoResponse.

IRFs in which this flag is set also have IRF\_ANCHOR = 1.

Starting with release 8.5.001, this flag is set only if the **populate-thread-facts** configuration option is set to true. Otherwise, the value of this field is always 0.

## CUSTOMER\_LEFT\_FIRST

**Introduced:** Release 8.5.004

Indicates whether the customer left a chat first: 0 = No, 1 = Yes.

This flag is set in the IRF for each agent engaged in the chat or chat consultation, if data about the party that ended a chat session is available from Interaction Concentrator. In IRFs in which this flag is set, IRF\_ANCHOR\_TS records the time the customer left the chat.

## 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.

## Index List

No indexes are defined.

## Subject Areas

- **Interaction\_Resource** — Represents a summary of each attempt to handle an interaction. It

encompasses the mediation process that is required to offer the interaction to a target handling resource, as well as the activities of that target handling resource.