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# Genesys Info Mart Physical Data Model for an Oracle Database

Info Mart Partitioning

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# Info Mart Partitioning

For general information about partitioning in the Info Mart database, see [Database Partitioning](#) in the *Deployment Guide*.

This page provides a comprehensive list of tables for which partitions are created in a partitioned Info Mart database, grouped as follows:

- [Dimensional Model Fact Tables](#)
- [GIDB Fact Tables](#)
- [Control Tables](#)

The name of the key by which a table is partitioned is included for each table.

## Partitioned Dimensional Model Fact Tables

Dimensional Model fact tables are partitioned by the Start Date Time key. The size of the partitions is determined by the partitioning-interval-size-gim configuration option.

| Table                       | Partitioned by Key  |
|-----------------------------|---------------------|
| BGS_SESSION_FACT            | START_DATE_TIME_KEY |
| CALLBACK_FACT               | START_DATE_TIME_KEY |
| CALLING_LIST_METRIC_FACT    | START_DATE_TIME_KEY |
| CAMPAIGN_GROUP_SESSION_FACT | START_DATE_TIME_KEY |
| CAMPAIGN_GROUP_STATE_FACT   | START_DATE_TIME_KEY |
| CDR_FACT                    | START_DATE_TIME_KEY |
| CHAT_SESSION_FACT           | START_DATE_TIME_KEY |
| CHAT_THREAD_FACT            | START_DATE_TIME_KEY |
| COBROWSE_FACT               | START_DATE_TIME_KEY |
| CONTACT_ATTEMPT_FACT        | START_DATE_TIME_KEY |
| GPM_FACT                    | START_DATE_TIME_KEY |
| INTERACTION_FACT            | START_DATE_TIME_KEY |
| INTERACTION_RESOURCE_FACT   | START_DATE_TIME_KEY |
| IRF_USER_DATA_CUST_1        | START_DATE_TIME_KEY |
| IRF_USER_DATA_GEN_1         | START_DATE_TIME_KEY |

| Table                       | Partitioned by Key  |
|-----------------------------|---------------------|
| IRF_USER_DATA_KEYS          | START_DATE_TIME_KEY |
| IXN_RESOURCE_STATE_FACT     | START_DATE_TIME_KEY |
| LDR_FACT                    | START_DATE_TIME_KEY |
| MEDIATION_SEGMENT_FACT      | START_DATE_TIME_KEY |
| SDR_ACTIVITIES_FACT         | START_DATE_TIME_KEY |
| SDR_CUST_ATTRIBUTES_FACT    | START_DATE_TIME_KEY |
| SDR_EXT_REQUEST_FACT        | START_DATE_TIME_KEY |
| SDR_SESSION_FACT            | START_DATE_TIME_KEY |
| SDR_SURVEY_FACT             | START_DATE_TIME_KEY |
| SDR_SURVEY_TRANSCRIPT_FACT  | START_DATE_TIME_KEY |
| SDR_USER_INPUTS_FACT        | START_DATE_TIME_KEY |
| SDR_USER_MILESTONE_FACT     | START_DATE_TIME_KEY |
| SM_MEDIA_NEUTRAL_STATE_FACT | START_DATE_TIME_KEY |
| SM_RES_SESSION_FACT         | START_DATE_TIME_KEY |
| SM_RES_STATE_FACT           | START_DATE_TIME_KEY |
| SM_RES_STATE_REASON_FACT    | START_DATE_TIME_KEY |

## Partitioned GIDB Fact Tables

Keys used for partitioning of GIDB fact tables vary from table to table. The size of the partitions is determined by the `partitioning-interval-size-gidb` configuration option, which you can override for Multimedia- and Outbound Contact-related data by specifying different values for the `partitioning-interval-size-gidb-mm` and `partitioning-interval-size-gidb-ocs` configuration options, respectively. In the following table:

- No asterisk means that partition size is always controlled by the **`partitioning-interval-size-gidb`** option (default is 24 hours).
- A single asterisk (\*) indicates that partition size can be controlled by the **`partitioning-interval-size-gidb-mm`** option.
- A double asterisk (\*\*) indicates that partition size can be controlled by the **`partitioning-interval-size-gidb-ocs`** option.

| Table                          | Partitioned by Key |
|--------------------------------|--------------------|
| GIDB_G_AGENT_STATE_HISTORY_MM* | ADDED_TS           |
| GIDB_G_AGENT_STATE_HISTORY_V   | ADDED_TS           |
| GIDB_G_AGENT_STATE_RC_MM*      | CREATED_TS         |
| GIDB_G_AGENT_STATE_RC_V        | CREATED_TS         |

| Table                        | Partitioned by Key |
|------------------------------|--------------------|
| GIDB_G_CALL_HISTORY_MM*      | ADDED_TS           |
| GIDB_G_CALL_HISTORY_V        | ADDED_TS           |
| GIDB_G_CALL_MM*              | ADDED_TS           |
| GIDB_G_CALL_STAT_V           | GSYS_EXT_INT2      |
| GIDB_G_CALL_V                | CREATED_TS         |
| GIDB_G_CUSTOM_DATA_S_MM*     | ADDED_TS           |
| GIDB_G_CUSTOM_DATA_S_V       | ADDED_TS           |
| GIDB_G_DND_HISTORY_MM*       | ADDED_TS           |
| GIDB_G_DND_HISTORY_V         | ADDED_TS           |
| GIDB_G_IR_HISTORY_MM*        | ADDED_TS           |
| GIDB_G_IR_HISTORY_V          | ADDED_TS           |
| GIDB_G_IR_MM*                | ADDED_TS           |
| GIDB_G_IR_V                  | CREATED_TS         |
| GIDB_G_IS_LINK_HISTORY_V     | ADDED_TS           |
| GIDB_G_IS_LINK_V             | INITIATED_TS       |
| GIDB_G_LOGIN_SESSION_MM*     | CREATED_TS         |
| GIDB_G_LOGIN_SESSION_V       | CREATED_TS         |
| GIDB_G_PARTY_HISTORY_MM*     | ADDED_TS           |
| GIDB_G_PARTY_HISTORY_V       | ADDED_TS           |
| GIDB_G_PARTY_MM*             | CREATED_TS         |
| GIDB_G_PARTY_V               | CREATED_TS         |
| GIDB_G_ROUTE_RESULT_MM*      | TERMINATED_TS      |
| GIDB_G_ROUTE_RESULT_V        | CREATED_TS         |
| GIDB_G_ROUTE_RES_VQ_HIST_MM  | ADDED_TS           |
| GIDB_G_ROUTE_RES_VQ_HIST_V   | ADDED_TS           |
| GIDB_G_SECURE_UD_HISTORY_MM* | ADDED_TS           |
| GIDB_G_SECURE_UD_HISTORY_V   | ADDED_TS           |
| GIDB_G_USERDATA_HISTORY_MM*  | ADDED_TS           |
| GIDB_G_USERDATA_HISTORY_V    | ADDED_TS           |
| GIDB_G_VIRTUAL_QUEUE_MM*     | ADDED_TS           |
| GIDB_G_VIRTUAL_QUEUE_V       | CREATED_TS         |
| GIDB_GM_F_USERDATA*          | GSYS_EXT_INT1      |
| GIDB_GM_L_USERDATA*          | GSYS_EXT_INT2      |
| GIDB_GO_CAMPAIGN**           | CREATED_TS         |
| GIDB_GO_CAMPAIGNHISTORY**    | ADDED_TS           |
| GIDB_GO_CHAIN**              | CREATED_TS         |
| GIDB_GO_CHAINREC_HIST**      | ADDED_TS           |

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| Table                        | Partitioned by Key |
|------------------------------|--------------------|
| GIDB_GO_FIELDHIST**          | ADDED_TS           |
| GIDB_GO_METRICS**            | ADDED_TS           |
| GIDB_GO_SEC_FIELDHIST**      | ADDED_TS           |
| GIDB_GOX_CHAIN_CALL**        | ADDED_TS           |
| GIDB_GX_SESSION_ENDPOINT_MM* | CREATED_TS         |
| GIDB_GX_SESSION_ENDPOINT_V   | CREATED_TS         |

## Partitioned Control Tables

Control tables are partitioned by the created timestamp. The size of the partitions is determined by the partitioning-interval-size-gim configuration option.

| Table                 | Partitioned by Key |
|-----------------------|--------------------|
| CTL_AUDIT_LOG         | CREATED_TS         |
| CTL_ETL_HISTORY       | CREATED_TS         |
| CTL_EXTRACT_HISTORY   | CREATED_TS         |
| CTL_PURGE_HISTORY     | CREATED_TS         |
| CTL_TRANSFORM_HISTORY | CREATED_TS         |