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# Interaction Concentrator Physical Data Model for an Oracle Database

Table GC\_SWITCH

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This table stores information about the configuration of Switch objects.

## 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 | Description                                                                                |
|----------|---------------|---|---|---|--------------------------------------------------------------------------------------------|
| ID       | INTEGER       | X | X |   | The DBID of the Switch object. This is the primary key.                                    |
| TenantID | INTEGER       |   | X | X | The DBID of the Tenant to which this object belongs.                                       |
| FolderID | INTEGER       |   |   |   | The DBID of the Folder for the object.                                                     |
| Name     | VARCHAR2(255) |   | X |   | The name of the configuration object.                                                      |
| Type     | INTEGER       |   | X |   | The type of the Switch. This corresponds to the CfgSwitchType enumeration in Configuration |

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| Column   | Data Type | P | M | F | Description                                                                                                                                                                                                                                                                                                                                              |
|----------|-----------|---|---|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |           |   |   |   | <p>Server. Refer to G_Dictionary Values (for <a href="#">DB2</a>, <a href="#">Microsoft SQL Server</a>, <a href="#">Oracle</a>, or <a href="#">PostgreSQL</a>, respectively) for a complete listing of permissible values.</p> <p>#DICTIONARY TYPE 501</p>                                                                                               |
| LinkType | INTEGER   |   |   |   | <p>The link type of the Switch. This corresponds to the CfgLinkType enumeration in Configuration Server. Refer to G_Dictionary Values (for <a href="#">DB2</a>, <a href="#">Microsoft SQL Server</a>, <a href="#">Oracle</a>, or <a href="#">PostgreSQL</a>, respectively) for a complete listing of permissible values.</p> <p>#DICTIONARY TYPE 502</p> |
| State    | INTEGER   |   | X |   | <p>The object state. This corresponds to the CfgObjectState enumeration in Configuration Server. One of the following values:</p> <ul style="list-style-type: none"> <li>0—Unknown. Reserved for when</li> </ul>                                                                                                                                         |

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| Column  | Data Type    | P | M | F | Description                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|--------------|---|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |              |   |   |   | <p>ICON is unable to determine object state.</p> <ul style="list-style-type: none"> <li>• 1—Enabled.</li> <li>• 2—Disabled.</li> </ul> <p>#DICTIONARY TYPE 500</p>                                                                                                                                                                                                                          |
| Status  | INTEGER      |   | X |   | <p>The status of the record. One of the following values:</p> <ul style="list-style-type: none"> <li>• 0—The status is unknown. Reserved for when ICON is unable to determine record status.</li> <li>• 1—Record is active.</li> <li>• 2—Record is inactive (object is deleted).</li> <li>• 1 0—Synchronization is in progress for an active record.</li> </ul> <p>#DICTIONARY TYPE: 24</p> |
| Created | TIMESTAMP(3) |   |   |   | <p>The GMT-equivalent date and time when the object was written to IDB. This is not</p>                                                                                                                                                                                                                                                                                                     |

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| Column           | Data Type    | P | M | F | Description                                                                                               |
|------------------|--------------|---|---|---|-----------------------------------------------------------------------------------------------------------|
|                  |              |   |   |   | necessarily the actual creation time of the object.                                                       |
| Deleted          | TIMESTAMP(3) |   |   |   | The GMT-equivalent date and time when this object was removed.                                            |
| LastChange       | TIMESTAMP(3) |   |   |   | The GMT-equivalent date and time when the object was last changed (including object creation or removal). |
| Created_ts       | INTEGER      |   |   |   | The UTC-equivalent value of the CREATED field.                                                            |
| Created_tcode    | INTEGER      |   |   |   | A reference, derived from the value in the CREATED_TS field, to a record in the G_TIMECODE table.         |
| Deleted_ts       | INTEGER      |   |   |   | The UTC-equivalent value of the DELETED field.                                                            |
| Deleted_tcode    | INTEGER      |   |   |   | A reference, derived from the value in the DELETED_TS field, to a record in the G_TIMECODE table.         |
| LastChange_ts    | INTEGER      |   |   |   | The UTC-equivalent value of the LASTCHANGE field.                                                         |
| LastChange_tcode | INTEGER      |   |   |   | A reference, derived from                                                                                 |

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| Column         | Data Type     | P | M | F | Description                                                                                                                                                                                                                                                                                                            |
|----------------|---------------|---|---|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |               |   |   |   | the value in the LASTCHANGE_TS field, to a record in the G_TIMECODE table.                                                                                                                                                                                                                                             |
| GSYS_DOMAIN    | INTEGER       |   |   |   | Contains the data source session ID (DSS_ID) for the session that was active when the data was processed by ICON. For more information, see the description in System Fields (for <a href="#">DB2</a> , <a href="#">Microsoft SQL Server</a> , <a href="#">Oracle</a> , or <a href="#">PostgreSQL</a> , respectively). |
| GSYS_PARTITION | INTEGER       |   |   |   | A key that is used for partitioning.                                                                                                                                                                                                                                                                                   |
| GSYS_SYS_ID    | INTEGER       |   |   |   | System ID. Reserved for future use.                                                                                                                                                                                                                                                                                    |
| GSYS_SEQ       | INTEGER       |   |   |   | Insert Sequence. Not unique.                                                                                                                                                                                                                                                                                           |
| GSYS_USEQ      | INTEGER       |   |   |   | Update Sequence. Not unique.                                                                                                                                                                                                                                                                                           |
| GSYS_TS        | TIMESTAMP(3)  |   |   |   | Reserved                                                                                                                                                                                                                                                                                                               |
| GSYS_TC        | INTEGER       |   |   |   | Reserved                                                                                                                                                                                                                                                                                                               |
| GSYS_EXT_VCH1  | VARCHAR2(255) |   |   |   | Reserved                                                                                                                                                                                                                                                                                                               |
| GSYS_EXT_VCH2  | VARCHAR2(255) |   |   |   | Reserved                                                                                                                                                                                                                                                                                                               |
| GSYS_EXT_INT1  | INTEGER       |   |   |   | A flag indicating the reliability of timestamp information stored in the CREATED and DELETED                                                                                                                                                                                                                           |

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| Column | Data Type | P | M | F | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------|-----------|---|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |           |   |   |   | <p>fields. One of the following values:</p> <ul style="list-style-type: none"><li>• 0—Highly reliable; timestamps for both fields are taken from Configuration Server runtime notifications or the Configuration Server history log.</li><li>• 1—CREATED timestamp is that of the time when configuration data was requested from Configuration Server, either during the initial ICON startup or during synchronization.</li><li>• 2—DELETED timestamp is that of the time when configuration data was requested from Configuration Server; either during the initial ICON startup or during synchronization.</li><li>• 3—Both</li></ul> |

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| Column        | Data Type | P | M | F | Description                                                                                                                                                                               |
|---------------|-----------|---|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |           |   |   |   | CREATED and DELETED timestamps are taken from the time when configuration data was requested from Configuration Server, either during the initial ICON startup or during synchronization. |
| GSYS_EXT_INT2 | INTEGER   |   |   |   | Reserved                                                                                                                                                                                  |

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