

# Cold chain

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Tables that are used to capture cold chain data

## Sensor

| Field name          | Description                                                   | Type    | Indexed |
|---------------------|---------------------------------------------------------------|---------|---------|
| <b>ID</b>           | The unique identifying number assigned to this sensor         | Alpha   | *       |
| <b>locationID</b>   | The ID of the location to which this sensor belongs           | Alpha   | *       |
| name                | The name of the sensor                                        | Text    |         |
| macAddress          | The mac address of the sensor                                 | Text    |         |
| batteryLevel        | The most recent battery % reading of the sensor               | Real    |         |
| temperature         |                                                               | Real    |         |
| lastConnectionDate  |                                                               | Date    |         |
| lasstConnectionTime |                                                               | Time    |         |
| <b>storeID</b>      | The ID of the store to which this sensor belongs              | Alpha   | *       |
| logInterval         | The interval between taking temperature readings (in seconds) | Long    |         |
| numberOfLogs        |                                                               | Long    |         |
| is_active           | Whether the sensor is marked as active or not                 | Boolean |         |
| log_delay_time      |                                                               | Time    |         |
| log_delay_date      |                                                               | Date    |         |
| programmed_date     |                                                               | Date    |         |
| programmed_time     |                                                               | Time    |         |
| asset_ID            |                                                               | Alpha   |         |

## SensorLog

| Field name        | Description | Type    | Indexed |
|-------------------|-------------|---------|---------|
| <b>ID</b>         |             | Alpha   | *       |
| <b>sensorID</b>   |             | Alpha   | *       |
| <b>locationID</b> |             | Alpha   | *       |
| aggregation       |             | Alpha   |         |
| date              |             | Date    |         |
| time              |             | Time    |         |
| <b>customData</b> |             | Object  | *       |
| isInBreach        |             | Boolean |         |
| <b>storeID</b>    |             | Alpha   | *       |

| Field name  | Description | Type | Indexed |
|-------------|-------------|------|---------|
| temperature |             | Long |         |

## sensorLogItemLineJoin

## temperature\_breach

## temperature\_breach\_config

## temperature\_log

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