

# OneTrust Import Integration

As more and more data protection laws arrive all over the world, ensuring compliance is a priority. OneTrust is a privacy management and marketing compliance company. Its services are used by organizations to comply with global regulations like GDPR.

This OneTrust input integration is to provide an input integration that can collect customer's consent data and load it into TD. Access to OneTrust data on the Treasure Data platform enables your marketing team to optimally enrich your data.

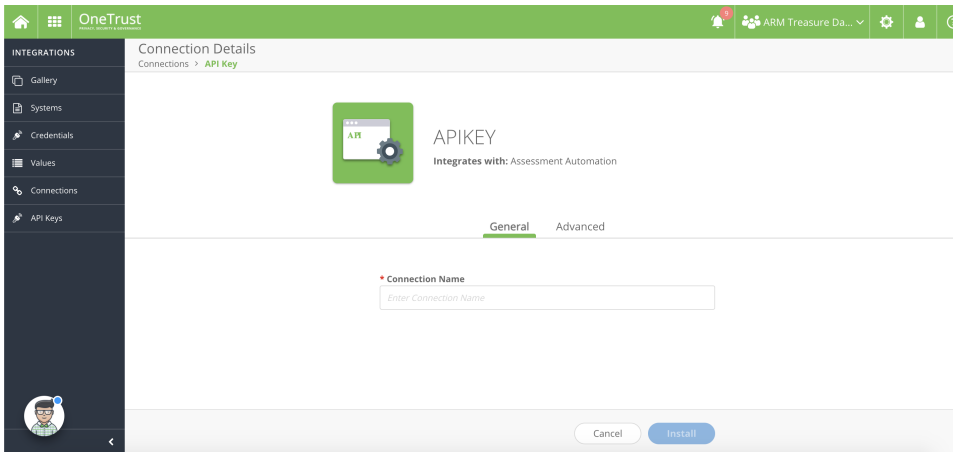
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## Prerequisites

- Basic knowledge of Treasure Data
- Basic knowledge of OneTrust
- GUID of a single Collection point to limit data, if not provided, get from all Collection Points.

## Obtain your API Key

1. Navigate to <https://app.onetrust.com/integrations/api-keys>.
2. Sign on to the OneTrust application if necessary.
3. Select **Add New**.



4. Type a name that you want for the Connection Name.
5. Select **Install**.

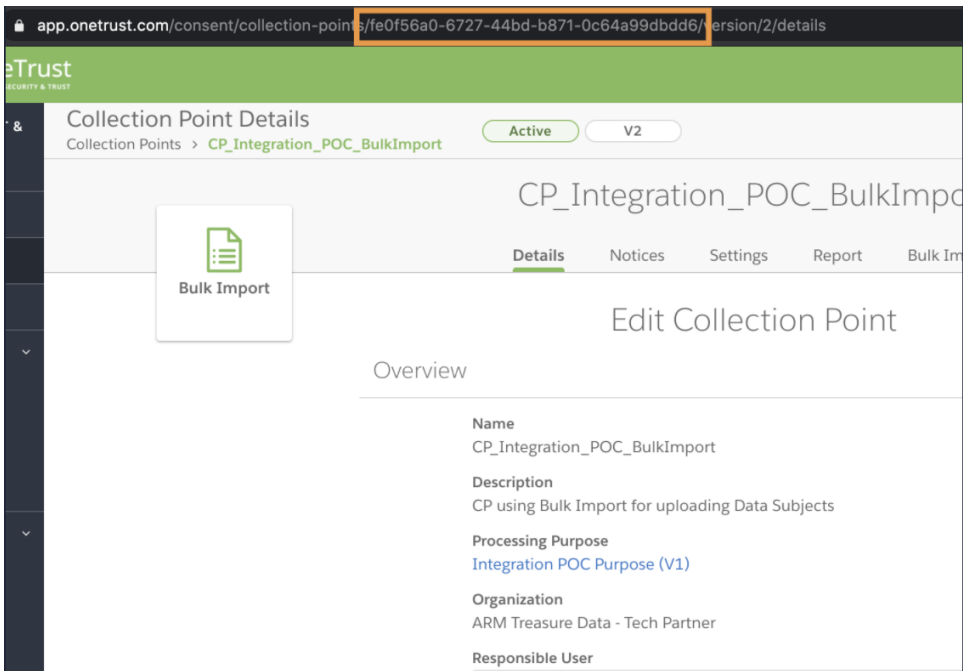
## Retrieving Collection Point GUID

1. Navigate to <https://app.onetrust.com/consent/collection-points>. The Collection Point screen displays.

A screenshot of the OneTrust application interface showing a table of Collection Points. The table has columns for Name, Type, Identifier, Consent Interaction Type, Status, Double Opt-In, Version, Created On, and First Receipt C. Two rows are visible: one for 'CP\_Integration\_POC\_BulkImport' (Draft, Inactive, V2) and one for 'Testing Web Form' (Active, Inactive, V1).

Name	Type	Identifier	Consent Interaction Type	Status	Double Opt-In	Version	Created On	First Receipt C
CP_Integration_POC_BulkImport	Bulk Import	Email		Draft	Inactive	V2	08/05/2020 10:29 AM	08/05/2020 10
Testing Web Form	Web Form	Email	Form Submission Only	Active	Inactive	V1	08/07/2020 12:43 AM	08/07/2020 12

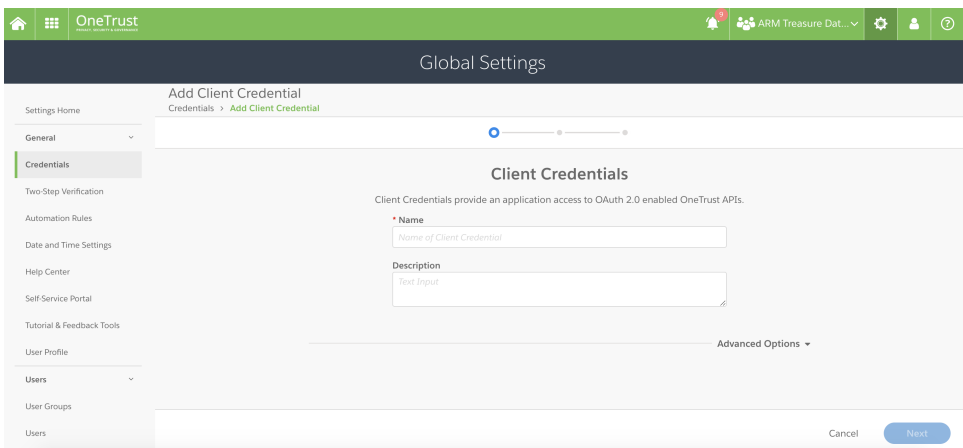
2. Select the corresponding Collection Point, the GUID is in the URL. For example:



## Obtain your OAuth Access Token

Create a OneTrust token to store the Client ID and Secret. This is short-lived token.

1. Navigate to <https://app.onetrust.com/settings/client-credentials/list>.
2. Select **Add**.



3. Type a name and describe your token.
4. Select appropriate **Access Token Lifetime**. The default lifetime is one hour.

5. Navigate to <https://app.onetrust.com/settings/client-credentials/list>.
6. Select your credential.
7. Select **Generate Token**.

Name	Creation Date	Client ID
▼	09/30/2020 06:21 AM	S2c4025748784a3f8bf05e03eb4482cd

## Use TD Console to Create Your Connection

### Create a New Connection

When you configure a data connection, you provide authentication to access the integration. In Treasure Data, you configure the authentication and specify the source information.

1. Open TD Console.
2. Navigate to Integrations Hub > Catalog.
3. Search for and select OneTrust.

4. Type the name of the access token that you created in the OneTrust application.
5. Select **Continue**.
6. Type a name for your connection.
7. Select **Done**.

# Transfer Your OneTrust Account Data to Treasure Data

After creating the authenticated connection, you are automatically taken to Authentications.

1. Search for the connection you created.
2. Select **New Source**.
3. Type a name for the data transfer.

The screenshot shows a 'Create Source' dialog box titled 'Using onetrust\_demo'. On the left is a vertical sidebar with four steps: 1 Connection (highlighted), 2 Source Table, 3 Data Settings, and 4 Data Preview. The main area contains two input fields: 'Data Transfer Name:' with an empty text box, and 'Authentication:' with a dropdown menu showing 'onetrust\_demo'.

4. Select **Next**.  
The Source Table dialog opens.

The screenshot shows a 'Create Source' dialog box titled 'Using megsonetrust'. On the left is a vertical sidebar with five steps: 1 Connection, 2 Source Table (highlighted), 3 Data Settings, 4 Data Preview, and 5 Data Placement. The main area contains three fields: 'Data Type:' with a dropdown menu showing 'Data Subject Profile', 'Collection Point GUID (Optional):' with an empty text box and a note 'If not provided, get from all Collection Points', and 'Incremental Loading:' with an unchecked checkbox. At the bottom are three buttons: 'Cancel', 'Back', and 'Next'.

5. Edit the following parameters:

Parameters	Description
<b>Data Type</b>	<ul style="list-style-type: none"> <li>• <b>Data Subject Profile</b>. Fetch Data Subject Profile data.</li> <li>• <b>Collection Point</b>. Fetch Collection Point data.</li> </ul>
<b>Collection Point GUID (Optional)</b>	GUID of a single Collection point to limit data, if not provided, get from all Collection Points.
<b>Incremental Loading</b>	Enables incremental report loading with new <b>Start Time</b> automatic calculation. For example, if you start incremental loading with <b>Start Time</b> = 2014-10-02T15:01:23Z to 2014-10-03T15:01:23Z, the next jobs run new <b>Start Time</b> will be 2014-10-03T15:01:23
<b>Start Time</b> (Required when select Incremental Loading)	For UI configuration, you can pick the date and time from supported browser, or input the date that suit the browser expectation of date time. For example, on Chrome, you will have a calendar to select Year, Month, Day, Hour, and Minute; on Safari, you need to input the text such as 2020-10-25T00:00.  For cli configuration, we need a timestamp in RFC3339 UTC "Zulu" format, accurate to nanoseconds, for example: "2014-10-02T15:01:23Z".

### Incremental By Modifications of

- **Data Subject.** Incremental by the last update of the data subject
- **Consent Information.** Incremental by the last consent date of the consent information.

## Data Settings

1. Select **Next**.  
The Data Settings page opens.
2. Skip this page of the dialog.

## Data Preview

You can see a [preview](#) of your data before running the import by selecting Generate Preview.

Data shown in the data preview is approximated from your source. It is not the actual data that is imported.

1. Click **Next**.  
Data preview is optional and you can safely skip to the next page of the dialog if you want.
2. To preview your data, select **Generate Preview**. Optionally, click **Next**.
3. Verify that the data looks approximately like you expect it to.

The screenshot shows a 'Create Source' dialog with a 'Data Preview' section. The preview displays a table with 8 columns: Ab\_id, Ab\_language, Ab\_identifier, last\_updated\_date, Ab\_link\_token, and a search icon. The table contains 13 rows of data. Below the table are 'Cancel', 'Back', and 'Next' buttons.

	Ab_id	Ab_language	Ab_identifier	last_updated_date	Ab_link_token	
1	f7abf910-b5da-47c2-bbee-37f4c86...	NULL	Quan3	2020-09-25 22:42:59...	NULL	0
2	9022117f-cf3c-418c-b527-a8bd9a9...	NULL	Quan2	2020-08-05 03:48:19...	NULL	0
3	a432b52f-3d93-483b-b65f-3c7530...	NULL	Quan4	2020-08-05 03:48:19...	NULL	0
4	233ec0c2-70ab-4de4-ac48-a4a048f...	NULL	Quan5	2020-08-05 03:48:19...	NULL	0
5	f78be70b-8b5d-404e-b663-b606a2...	NULL	Quan1	2020-08-05 03:48:19...	NULL	0
6	db5d8f89-c264-4d82-a246-5939e5...	NULL	example@otprivacy.com	2020-08-06 17:51:12...	NULL	0
7	5ef9542c-315d-4b56-ad1c-c63ad0...	NULL	Michael.White@gmail.com	2020-09-09 20:01:45...	NULL	0
8	3f1dfcb9-1904-4517-9087-0cc45f0...	NULL	Robert.Brown@gmail.com	2020-09-09 20:01:45...	NULL	0
9	4a3a88dd-11a3-4c8b-a1d9-d7043f...	NULL	Mary.Anderson@mail.com	2020-09-09 20:01:46...	NULL	0
10	4fd8983a-9e49-46dc-9519-1cf9dea...	NULL	Elizabeth.Scott@gmail.com	2020-09-09 20:01:47...	NULL	0
11	33342e5d-4c95-4cfe-a622-4e91dc5...	NULL	David.Miller@aol.com	2020-09-09 20:01:47...	NULL	0
12	f54b0d7c-df75-4bf3-934a-dc19a96...	NULL	Robert.Anderson@att.com	2020-09-10 04:57:16...	NULL	0
13	43bfe156-dfba-43b8-964d-1b2a4ae...	NULL	Elizabeth.Miller@google.com	2020-09-10 04:57:16...	NULL	0

4. Select **Next**.

## Data Placement

For data placement, select the target database and table where you want your data placed and indicate how often the import should run.

1. Select **Next**. Under Storage you will create a new or select an existing database and create a new or select an existing table for where you want to place the imported data.

The screenshot shows a configuration window for data placement. On the left, a sidebar lists steps: 1 Connection, 2 Source Table, 3 Data Settings, 4 Data Preview, and 5 Data Placement (highlighted). The main area is titled 'STORAGE' and contains the following settings:

- Database:** chung\_default\_db
- Table:** sftp\_v2\_devproxy
- Method:**
  - Append: Add records into existing table.
  - Always Replace: Always clear the destination table before adding records.
  - Replace on new data: When there is new data, delete existing data, and insert new data.
- Timestamp-based Partition Key:** time
- Data Storage Timezone:** UTC (default)

Below the STORAGE section is the 'SCHEDULE' section:

- Repeat:**
  - Off
  - On
- Scheduling Timezone:** Asia/Saigon

2. Select a **Database** > **Select an existing** or **Create New Database**.
3. Optionally, type a database name.
4. Select a **Table**> **Select an existing** or **Create New Table**.
5. Optionally, type a table name.
6. Choose the method for importing the data.
  - **Append** (default)-Data import results are appended to the table. If the table does not exist, it will be created.
  - **Always Replace**-Replaces the entire content of an existing table with the result output of the query. If the table does not exist, a new table is created.
  - **Replace on New Data**-Only replace the entire content of an existing table with the result output when there is new data.
7. Select the **Timestamp-based Partition Key** column. If you want to set a different partition key seed than the default key, you can specify the long or timestamp column as the partitioning time. As a default time column, it uses upload\_time with the add\_time filter.
8. Select the **Timezone** for your data storage.
9. Under **Schedule**, you can choose when and how often you want to run this query.
  - Run once:
    - a. Select **Off**.
    - b. Select **Scheduling Timezone**.
    - c. Select **Create & Run Now**.
  - Repeat the query:
    - a. Select **On**.
    - b. Select the **Schedule**. The UI provides these four options: *@hourly*, *@daily* and *@monthly* or custom *cron*.
    - c. You can also select **Delay Transfer** and add a delay of execution time.
    - d. Select **Scheduling Timezone**.
    - e. Select **Create & Run Now**.

After your transfer has run, you can see the results of your transfer in **Data Workbench** > **Databases**.