

# Oracle Netsuite Bronto Export Integration

Oracle Netsuite Bronto is a Marketing Platform that combines email, mobile, and social messaging to design and execute personalized campaigns.

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## Prerequisites

- Basic Knowledge of Treasure Data.
- Basic knowledge of Oracle Netsuite Bronto.

## Requirements and Limitations

Oracle Netsuite Bronto automatically removes the '+' in a phone number. For example, '+085' becomes '085' on the server-side.

A SOAP API Access Token is required.

## Obtain SOAP API Access Token

1. Open the Bronto platform.
2. Navigate to **Settings > Platform Settings > Data Exchange**.
3. In the SOAP API Access Token panel, select **Add Access Token**.

**Data Exchange**

SOAP API Access Tokens

SOAP API Access Tokens allow you to manage access to our SOAP API. You can grant basic permissions (read, write, and send), as well as activate and deactivate specific tokens.

Token Name	Status	Last Logged In	Access Type
photonAPIToken	Active	02/11/2021 07:49 PM	Read, Write, Send
Pop-Up Manager App Token	Active	09/29/2020 08:14 AM	Read, Write, Send
Connector App Token	Active	02/01/2021 09:42 PM	Read, Write, Send

[Add Access Token](#)

**REST Integrations**

REST Integrations allow you to manage API access to your account.

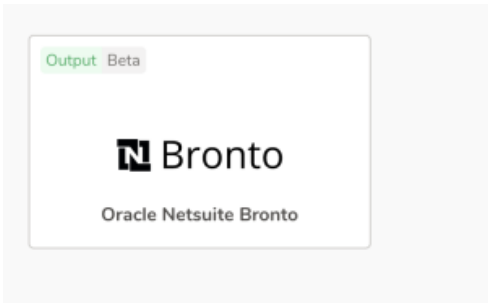
Permissions: Campaigns Read, Campaigns Write

# Use the TD Console to Create Your Connection

## Create a New Connection

In Treasure Data, you must create and configure the data connection prior to running your query. As part of the data connection, you provide authentication to access the integration.

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



4. Select Create Authentication.
5. Type the Bronto SOAP API access token to authenticate.

**New Authentication**  
Oracle Netsuite Bronto ✕

1 Credentials > 2 Details

Access Token:

[Learn more](#) [Continue](#)

6. Type a name for your connection.
7. Select Done.

## Define your Query and Column Mapping

In this step, you create or reuse a query. In the query, you configure the data connection.

### Column Mapping

You need to define the column mapping in the query. The columns in the query represent a Contact object in Bronto data.

Depend on the selected Action, certain columns are required

## Add/Update Contacts or Replace Contacts from List

Column name	Type	Required	Description of Expected Value
email	String	yes	For example, test.me@abc.com
phone_number	String	optional	For example, +593979652820
status	String	optional	transactional, onboarding, unconfirmed, unsub, bounce, active (default: onboarding)
source	String	optional	manual, api, import, webform, sforcereport
custom_source	String	optional	A source you define that states where the contact came from.
fields	Array JSON	optional	JSON or JSON array format with the following required fields: <ul style="list-style-type: none"> <li>fieldId</li> <li>content</li> </ul>
list_ids	Comma-separated string	optional	The comma-separated list of List API IDs can be found at the bottom of each list detail screen. For example, "list_id1,list_id2,list_id3".  They are incremental to lists that the contact may already be on. This means that the contact remains on any lists not specified in this call and it is also added to lists that you specify in this call.
msg_pref	String	optional	The message preference for the contact. A contact can have a message preference of text or html. Only applies to the add action. The message preference is ignored for update.
sms_keyword_ids	Comma-separated string	optional	An array of the SMS keyword ids you want to subscribe the contact to.

## Remove Contacts from List

Column name	Type	Required	Description of Expected Value
id	String	Yes (unless the email is used)	The unique id assigned to the contact
email	String	Yes (unless name the contact id is used)	The email address assigned to the contact

1. Complete the instructions in [Creating a Destination Integration](#).
2. Navigate to **Data Workbench > Queries**.
3. Select a query for which you would like to export data.
4. Run the query to validate the result set.
5. Select **Export Results**.
6. Select an existing integration authentication.

Choose Integration ✕

Use Existing Integration

Search...

00\_2977\_box\_connection\_1 box

00\_297\_box\_connection\_2 box

00\_mailpublisher\_shirai mail\_publisher\_smart

7. Define any additional Export Results details. In your export integration content review the integration parameters. For example, your Export Results screen might be different, or you might not have additional details to fill out:

Export Results ✕

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Lookup Field:   
Name of field for dedup (default to email)

Retry Limit:

Retry Initial wait in Milliseconds:

Retry Max wait in milliseconds:

Max http waiting time in milliseconds:

Max upload chunk size (in bytes):

Batch max wait in

8. Select **Done**.
9. Run your query.
10. Validate that your data moved to the destination you specified.

## Integration Parameters for Bronto

Export Results ✕

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Integration: tuan\_bronto

Action:

List Name:   
List name is required for replacing and removing Contacts from List. New List will be created when the provided List Name does not exist.

Skip Invalid Data  
Leave unchecked to terminate job (without revert) when invalid records is encountered

Parameter	Values	Description
Action	<ul style="list-style-type: none"> <li>• Add/Update Contacts</li> <li>• Replace Contacts from List</li> <li>• Remove Contacts from List</li> </ul>	<ul style="list-style-type: none"> <li>• Add a new Contact or update data associated with an existing Contact without replacing the existing Contact's list membership (create a new Mail List if the provided List Name doesn't exist).</li> <li>• Remove all Contacts from the Mail List and Add new Contacts to the Mail List (create a new Mail List if the provided List Name doesn't exist)</li> <li>• Remove Contacts from provided Mail List</li> </ul>
List Name	String	List Name is required for Replace Contacts from List or Remove Contacts from List action. Add all users to this Mail List if the selected action is Add/Update Contacts.
Skip Invalid Data	<ul style="list-style-type: none"> <li>• true</li> <li>• false</li> </ul>	<ul style="list-style-type: none"> <li>• Skip invalid data and continue uploading Contacts if an error occurred</li> <li>• Stop the job immediately if an error occur</li> </ul>

## Example Query

```
SELECT id, email, phone_number FROM table my_table
```

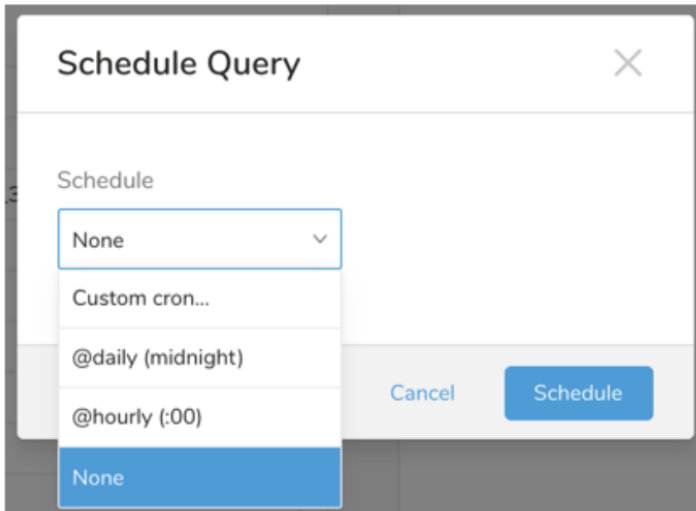
## Optionally Schedule the Query Export Jobs

You can use Scheduled Jobs with Result Export to periodically write the output result to a target destination that you specify.

1. Navigate to **Data Workbench > Queries**.
2. Create a new query or select an existing query.
3. Next to **Schedule**, select None.

Schedule: **None**

4. In the drop-down, select one of the following schedule options.



Drop-down Value	Description
Custom cron...	Review <a href="#">Custom cron... details</a> .
@daily (midnight)	Run once a day at midnight (00:00 am) in the specified time zone.
@hourly (:00)	Run every hour at 00 minutes.
None	No schedule.

### Custom cron... Details

## Schedule Query ✕

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Schedule
Cron ?

Custom cron...
▼

0 \* \* \* \*

The `TD_SCHEDULED_TIME` UDF returns the time of the job's scheduled run formatted as a Unix timestamp integer.

Timezone

America/Los\_Angeles
▼

**Delay execution**  
A delay ensures all buffered events are imported before running the query. Doesn't affect `TD_SCHEDULED_TIME()`.

Cancel
Schedule

Cron Value	Description
0 * * * *	Run once an hour
0 0 * * *	Run once a day at midnight
0 0 1 * *	Run once a month at midnight on the morning of the first day of the month
""	Create a job that has no scheduled run time.

```

*      *      *      *      *
-      -      -      -      -
|      |      |      |      |
|      |      |      |      +----- day of week (0 - 6) (Sunday=0)
|      |      |      +----- month (1 - 12)
|      |      +----- day of month (1 - 31)
|      +----- hour (0 - 23)
+----- min (0 - 59)

```

The following named entries can be used:

- Day of Week: sun, mon, tue, wed, thu, fri, sat
- Month: jan, feb, mar, apr, may, jun, jul, aug, sep, oct, nov, dec

A single space is required between each field. The values for each field can be composed of:

Field Value	Example	Example Description
a single value, within the limits displayed above for each field.		
a wildcard <code>'*'</code> to indicate no restriction based on the field.	`0 0 1 * * `	configures the schedule to run at midnight (00:00) on the first day of each month.
a range <code>'2-5'</code> , indicating the range of accepted values for the field.	`0 0 1- 10 * * `	configures the schedule to run at midnight (00:00) on the first 10 days of each month.
a list of comma-separated values <code>'2,3,4,5'</code> , indicating the list of accepted values for the field.	0 0 1,11,21 * * `	configures the schedule to run at midnight (00:00) every 1st, 11th, and 21st day of each month.
a periodicity indicator <code>'*/5'</code> to express how often based on the field's valid range of values a	`30 */2 1 * * `	configures the schedule to run on the 1st of every month, every 2 hours starting at 00:30. <code>`0 0 */5 * * `</code> configures the schedule to run at midnight (00:00) every 5

schedule is allowed to run.		days starting on the 5th of each month.
a comma-separated list of any of the above except the '*' wildcard is also supported '2,* /5,8-10'.	'0 0 5,* /10,25 * *'	configures the schedule to run at midnight (00:00) every 5th, 10th, 20th, and 25th day of each month.

5. (Optional) If you enabled the Delay execution, you can delay the start time of a query.

## Execute the Query

Save the query with a name and run, or just run the query. Upon successful completion of the query, the query result is automatically imported to the specified container destination.



Scheduled jobs that continuously fail due to configuration errors may be disabled on the system side after several notifications.

## Optionally Configure Export Results in Workflow

Within Treasure Workflow, you can specify the use of this data connector to export data.

Learn more at [Using Workflows to Export Data with the TD Toolbelt](#).

### Example Workflow for Oracle Netsuite Bronto

```

_export:
  td:
    database: td.database

+bronto_export_task:
  td>: export_bronto.sql
  database: bronto_db
  result_connection: bronto
  result_settings:
    type: bronto
    access_token: access_token
    action: add_or_update
    list_name: my list
    skip_invalid_data: false

```