



## Documentation

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## Destination Settings

SETTING	DESCRIPTION
API Key	<i>Required.</i> The Api key for your SendGrid account.

## Available Actions

Build your own Mappings. Combine supported [triggers](#) with the following SendGrid-supported actions:



### Mapping limits per destination

Individual destination instances have support a maximum of 50 mappings.

[Upsert Contact](#)

## Upsert Contact

Add or update a Contact in SendGrid.

Upsert Contact is a **Cloud** action.

Click to show / hide fields

FIELD	DESCRIPTION
Batch Data to SendGrid Contacts PUT API	Type: <code>BOOLEAN</code> When enabled, the action will use the SendGrid Contacts PUT API to perform the batch operation. Batches can contain up to 30k records in a request.
First Name	Type: <code>STRING</code> The contact's first name.
Last Name	Type: <code>STRING</code> The contact's last name.
Country	Type: <code>STRING</code> The contact's country.
Postal Code	Type: <code>STRING</code> The contact's postal code.
City	Type: <code>STRING</code> The contact's city.
State	Type: <code>STRING</code> The contact's state.
Address Line 1	Type: <code>STRING</code> The contact's address line 1.
Address Line 2	Type: <code>STRING</code> The contact's address line 2.
Phone Number	Type: <code>STRING</code> The contact's phone number. Note: This is different from the Phone Number ID field, but the same value can be stored in both fields.
WhatsApp	Type: <code>STRING</code> The contact's WhatsApp.
Line	Type: <code>STRING</code> The contact's landline.
Facebook	Type: <code>STRING</code> The contact's Facebook identifier.
Unique Name	Type: <code>STRING</code> The contact's unique name.
Email Address	Type: <code>STRING</code> The contact's email address.
Phone Number ID	Type: <code>STRING</code> Primary Phone Number used to identify a Contact. This must be a valid phone number.
External ID	Type: <code>STRING</code> The contact's External ID.
Anonymous ID	Type: <code>STRING</code> The contact's Anonymous ID.

FIELD	DESCRIPTION
Other Fields	Type: <code>OBJECT</code> Additional fields to send to SendGrid. On the left-hand side, input the SendGrid Custom Fields Id. On the right-hand side, map the Segment field that contains the value. Custom Fields must be predefined in your SendGrid account and you can retrieve corresponding Id using get all field definitions endpoint. Reference: <a href="#">Get All field definitions</a> —

## Send Email with Dynamic Template

Send email to recipient(s) using a Dynamic Template in Sendgrid

Send Email with Dynamic Template is a **Cloud** action.

Click to show / hide fields

FIELD	DESCRIPTION
Validated Domain	Type: <code>STRING</code> The domain to use for the email. This field is optional but recommended. If you do not provide a domain, Sendgrid will attempt to send the email based on the from address, and may fail if the domain in the from address is not validated.
From *	Type: <code>OBJECT</code> From details.
To *	Type: <code>OBJECT</code> Recipient details.
CC	Type: <code>OBJECT</code> CC recipient details
BCC	Type: <code>OBJECT</code> BCC recipient details
Headers	Type: <code>OBJECT</code> Headers for the email.
Dynamic Template Data	Type: <code>OBJECT</code> A collection of property names that will be substituted by their corresponding property values in the subject, reply-to and content portions of a SendGrid Dynamic Template.
Dynamic Template *	Type: <code>STRING</code> The Dynamic Template to use for the email.
Custom Args	Type: <code>OBJECT</code> Custom arguments for the email.
Send At	Type: <code>STRING</code> The time to send the email. ISO 8601 format. E.g. 2024-09-23T12:00:00Z. A send cannot be scheduled more than 72 hours in advance.
Reply To	Type: <code>OBJECT</code> Reply to details. If left empty 'Reply To' settings will be taken from the 'From' field values.
Categories	Type: <code>STRING</code> Categories for the email. Accepts a single string or array of strings.
IP Pool	Type: <code>STRING</code> Send email with an ip pool.
Group ID	Type: <code>STRING</code> Specify a Group ID

## Additional details for the Send Email With Dynamic Template Action

## Usage

The [Send Email With Dynamic Template](#) Action can be used to send emails through SendGrid using [SendGrid Dynamic Templates](#). The Dynamic Template you use must already exist in SendGrid. Use the Action field [Dynamic Template Data](#) to populate values in the Dynamic Template.

## Contacts

SendGrid sends emails to the email addresses you specify, even if they are not listed as Contacts in SendGrid.

## SendGrid API Key

Segment and SendGrid recommend that you define the SendGrid API key within a subuser account and the domain is authenticated under that same subuser account. The Send Email With Dynamic Template Action requires that the SendGrid API Key has the following scopes assigned:

- Category Management: full
- IP Management: full
- Template Engine: full

## Additional details for the Upsert Contact Action

### Recording Custom User Traits

If you want to view any other custom user traits in the Marketing Campaigns list dashboard, you must create a [Custom Field inside Marketing Campaigns's UI](#) of the traits in your identify calls. Note that you do not need to map all user.traits you are sending inside Marketing Campaigns. You only need to create Custom Fields of the traits you want to see in your list view.

### Custom Fields

To send custom fields/user traits to Marketing Campaigns you need to create the field first in Marketing Campaigns for each trait you want sent to Marketing Campaigns. Then when you call identify with keys that match those traits they will appear in your Marketing Campaigns list.

For any other custom traits just add a Custom Field inside of SendGrid with a tag that matches the key you are using in your identify call.

### Recording userId

To record a Segment userId in SendGrid, you must pass the userID as a trait on your identify() calls. SendGrid does not automatically map the Segment userID to any Marketing Campaigns properties.

## SendGrid API Key

The Upsert Contact Action requires the SendGrid API Key to have the following scopes:

- Marketing: full

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