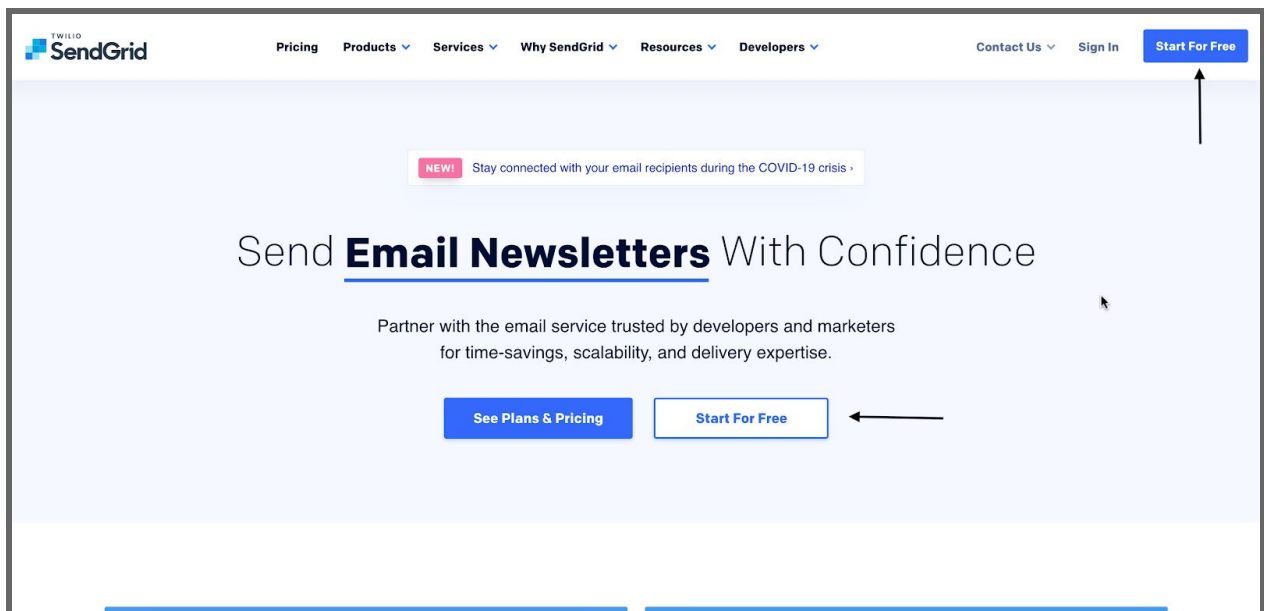


Step by step guide to set up with SendGrid:

Create an account now


Step 1: Click on “**Start For Free**” Button to SignUp



Step 2: Enter your credentials and click on “Create Account” button

Enter a username, password, email and agree to the terms.

(Note: Password must have more than 8 characters, including at least 1 letter and number)



Let's Get Started

Sign up for free. No credit card required.

→

Username •

your-username

That username is available!

→

Password •

.....

Must have more than 8 characters, including at least 1 letter and number.

→

Confirm Password •


.....

→

Email Address •

your-email-address@youremailservice.com

✓ I'm not a robot



reCAPTCHA

Privacy - Terms

→

☒ I accept the [Terms of Service](#) and have read the [Services Privacy Policy](#)

→

Create Account

Step 3: Enter more information and click “Get Started!” button

(Note: Phone number is not mandatory)

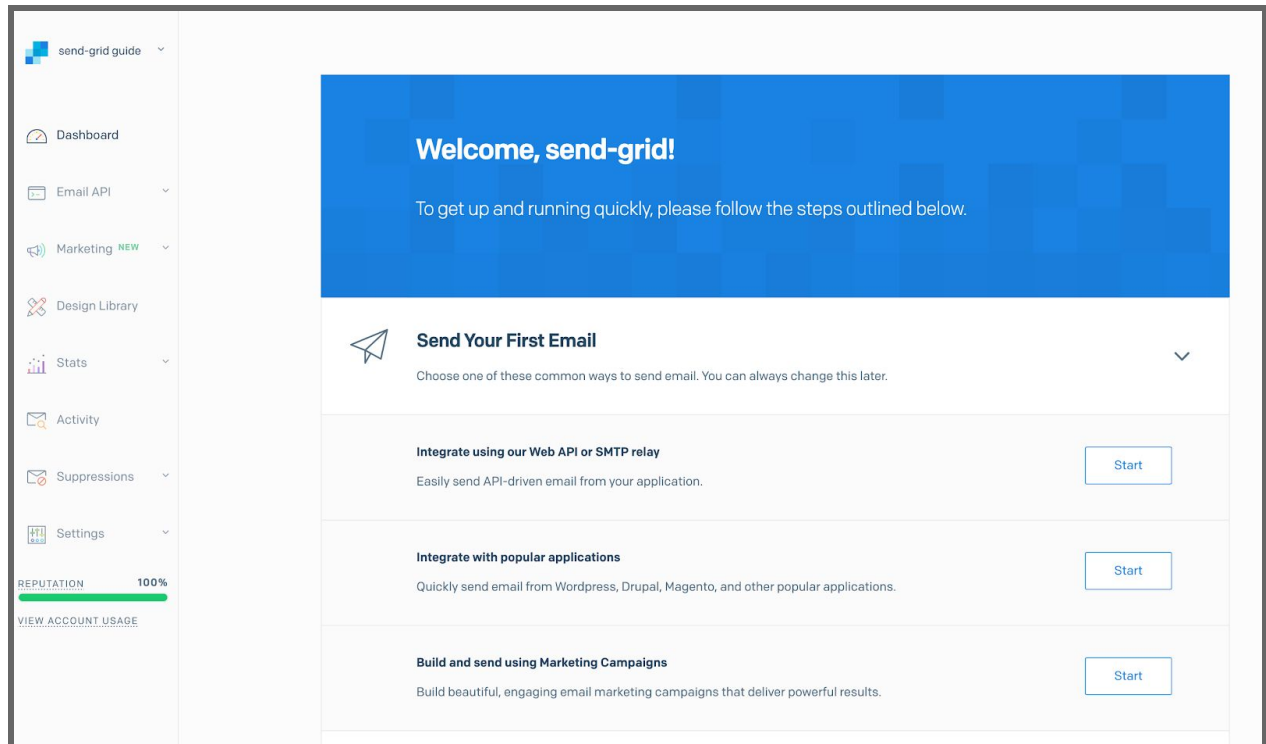
Tell Us About Yourself

This information will help us serve you better.

First Name •	Last Name •
<input type="text" value="send-grid"/>	<input type="text" value="guide"/>
Company Name •	Company Website •
<input type="text" value="setup-guide"/>	<input type="text" value="setup-guide"/>
Country Code	Phone Number
<input type="text" value="USA (+1)"/>	<input type="text"/>
What is your role? •	
<input checked="" type="radio"/> Developer	<input type="radio"/> CEO
<input type="radio"/> Marketer	<input type="radio"/> Other
How many emails do you send per month? •	
<input type="radio"/> 0 to 100,000	<input checked="" type="radio"/> 100,000 to 700,000
<input type="radio"/> 700,000 to 1,500,000	<input type="radio"/> 1,500,000 to 10,000,000
<input type="radio"/> 10,000,000 to 50,000,000	<input type="radio"/> 50,000,000 to 100,000,000
	<input type="radio"/> 100,000,000+
How many employees work at your company? •	
<input type="radio"/> 1 - 500	<input type="radio"/> 1,001 - 5,000
<input checked="" type="radio"/> 501 - 1,000	<input type="radio"/> 5,001+
	<input type="button" value="Get Started!"/>

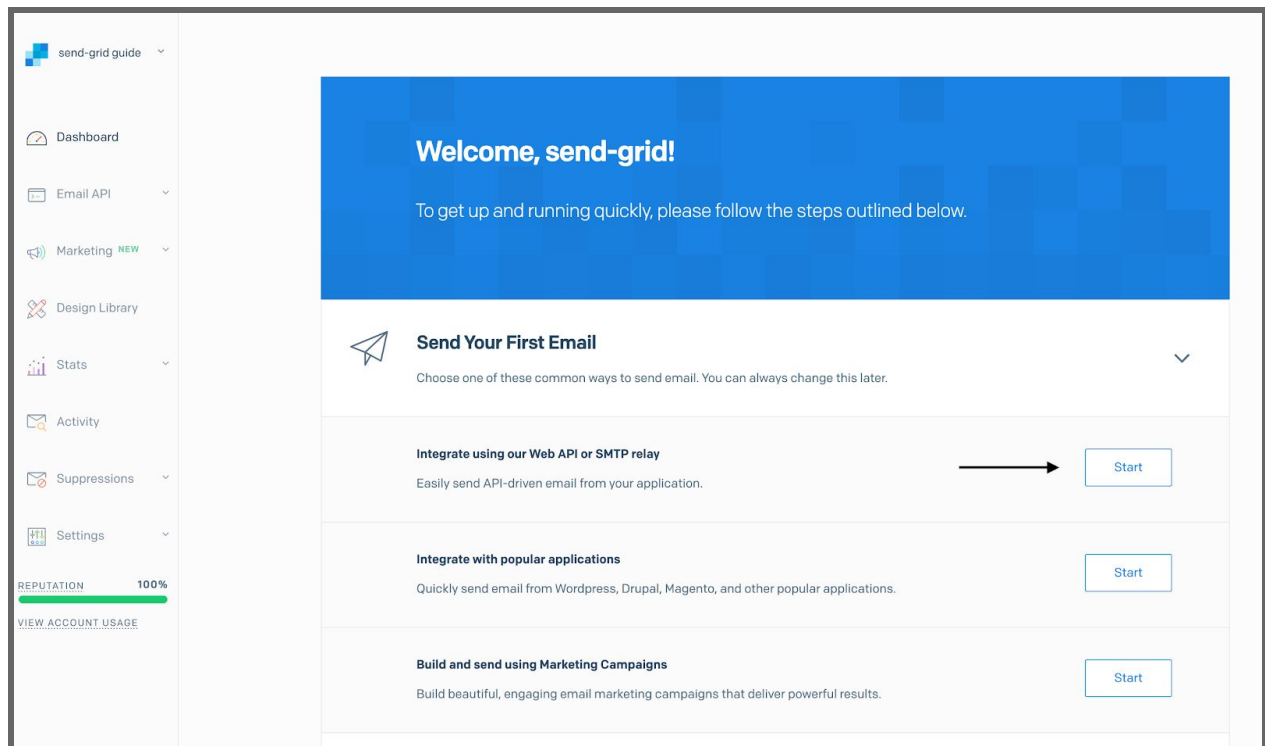
Step 4: That's all! You will see the SendGrid Dashboard now.

(Note: Verify your email)

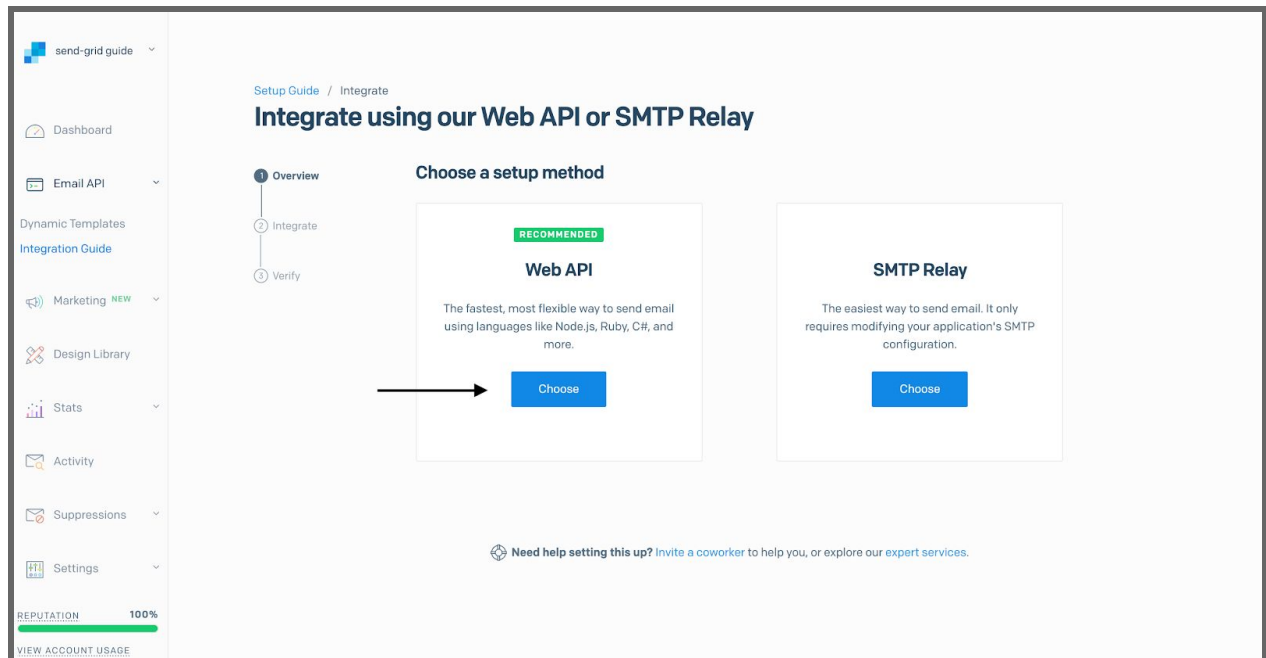


Note: Follow the next steps if you want to start sending emails with SendGrid from CBSA-Helper.

Step 5: From the Dashboard click on the first “Start” button for “*Integrate using our Web API or SMTP relay*” from the list.

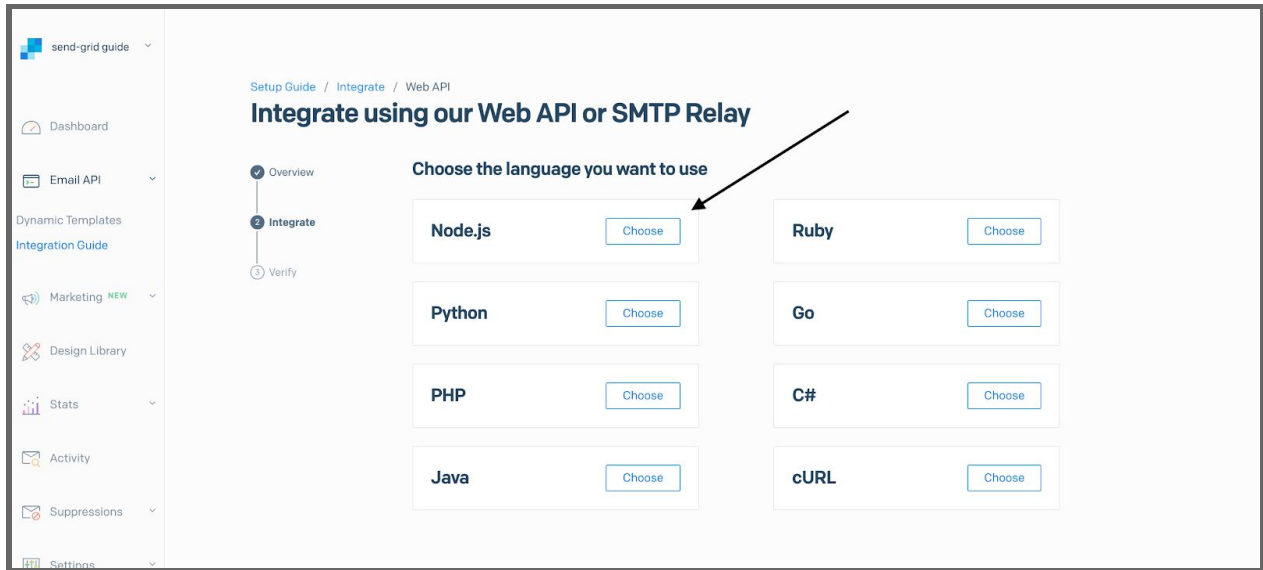


Step 6: Click on the “Choose” button for Web API from the list.



Step 7: Click on the “Choose” button and choose Node.js for the language.

(Note: CBSA-Helper’s code is written in Node.js)



Step 7: Enter the API key you want to create and click on “Create”.

An API key will be generated for you, make sure you copy that.

The screenshot shows the SendGrid integration guide for Node.js. The left sidebar contains navigation links: Dashboard, Email API, Dynamic Templates, Integration Guide (active), Marketing, Design Library, Stats, Activity, Suppressions, and Settings. The main content area is titled 'Integrate using our Web API or SMTP Relay' and includes a progress bar with steps: Overview, Integrate (active), and Verify. Step 2, 'Create an API key', is highlighted. It instructs the user to create an API key by entering a name ('My-First-API') and clicking the 'Create Key' button. Below this, step 3, 'Create an environment variable', provides shell commands to set the API key in a .env file. Step 4, 'Install the package', shows the command to install the sendgrid/mail npm package.

Setup Guide / Integrate / Web API / Node.js

Integrate using our Web API or SMTP Relay

< All languages

How to send email using Node.js

- 1 Make sure you have the prerequisites**
Our library requires Node.js version 0.10, 0.12, or 4.
- 2 Create an API key**
This allows your application to authenticate to our API and send mail. You can enable or disable additional permissions on the [API keys page](#).

My First API Key Name
My-First-API Create Key
- 3 Create an environment variable**
Update your development environment with your SENDGRID_API_KEY. Run the following in your shell:

```
1 echo "export SENDGRID_API_KEY='YOUR_API_KEY'" > sendgrid.env
2 echo "sendgrid.env" >> .gitignore
3 source ./sendgrid.env
```
- 4 Install the package**
The following recommended installation requires npm. If you are unfamiliar with [npm](#), see the npm docs. Npm comes installed with Node.js since node version 0.8.x, therefore you likely already have it:

```
1 npm install --save @sendgrid/mail
```

This screenshot shows the same SendGrid integration guide, but now step 2, 'Create an API key', has a green checkmark and a message: '"My-First-API" was successfully created and added to the next step.' Below this message, the generated API key is displayed, redacted with black bars. The rest of the page, including the sidebar and other steps, remains the same as in the previous screenshot.

Integration Guide

Marketing NEW

Design Library

Stats

Activity

Suppressions

Settings

REPUTATION 100%

VIEW ACCOUNT USAGE

How to send email using Node.js

- 1 Make sure you have the prerequisites**
Our library requires Node.js version 0.10, 0.12, or 4.
- 2 Create an API key**
This allows your application to authenticate to our API and send mail. You can enable or disable additional permissions on the [API keys page](#).

"My-First-API" was successfully created and added to the next step.
[Redacted API Key]
- 3 Create an environment variable**
Update your development environment with your SENDGRID_API_KEY. Run the following in your shell:

```
1 echo "export SENDGRID_API_KEY='[Redacted API Key]'" > sendgrid.env
2 echo "sendgrid.env" >> .gitignore
3 source ./sendgrid.env
```
- 4 Install the package**
The following recommended installation requires npm. If you are unfamiliar with [npm](#), see the npm docs. Npm comes installed with Node.js since node version 0.8.x, therefore you likely already have it:

```
1 npm install --save @sendgrid/mail
```
- 5 Send your first email**
The following is the minimum needed code to send an email:

```
1 // using Twilio SendGrid's v3 Node.js Library
2 // https://github.com/sendgrid/sendgrid-nodejs
3 const sgMail = require('@sendgrid/mail');
4 sgMail.setApiKey(process.env.SENDGRID_API_KEY);
5 const msg = {
```


Step 8: Click on “[Verify Integration](#)” and paste the API key in the code.

```
4  
5  
6 //Start - Sendgrid requirements  
7 process.env.DEBUG = 'dialogflow:debug';  
8 process.env.SENDGRID_API_KEY = 'PASTE YOUR SENDGRID API KEY';  
9 //End - Sendgrid requirements  
10  
11
```



You’re all set to send emails with CBSA-Helper.

(Note: You need to uncomment SendGrid code)