How to Use the SendGrid API in Mautic 5 with Symfony Mailer

By default, Mautic offers built-in support for several mail transports, including SMTP and SendGrid. However, if you prefer more direct control using Symfony's Mailer component, you can install the symfony/sendgrid-mailer package and configure Mautic to use **sendgrid+api** as the transport. This guide shows you how.

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Prerequisites

- An existing **Mautic 5** installation (with Composer enabled).
- A **SendGrid** account (free or paid).
- Command-line access to your Mautic server.

Step 1: Install Symfony SendGrid Mailer

SSH into your server, navigate to your Mautic folder (often/var/www/mautic), and run:

```
cd /var/www/mauticsudo -u www-data composer require symfony/sendgrid-
```

```
mailer:*
```

This ensures all new packages are installed with the correct file ownership (www-data). You'll now havesymfony/sendgrid-mailerin your Mautic project.

Step 2: Generate a SendGrid API Key

1. Log into **SendGrid** at https://app.sendgrid.com/.
2. Go to **Settings** → **API Keys**, then click **Create API Key**.

3. Name it something like *Mautic* and give it *Full Access* to *Mail Send*.

4. Click **Create & View** to see the API Key. **Copy** and save it in a secure place.

Tip: You must set up domain authentication (SPF, DKIM and DMARC) in SendGrid's "Sender Authentication" section.

Tip: Disable SendGrid's built in Click and Open tracking. It can break links generated by Mautic's click tracking.

These can be found in Settings > Tracking in your SendGrid dashboard.

Step 3: Configure Mautic to Use sendgrid+api

In Configuration > Email Settings > Email DSN, set Scheme to "sendgrid+api", Host to "default", Port, Path and Password should be empty, and the User field should contain your API key set up in step 2.

Step 4: Test Your SendGrid Integration

1. **Clear your Mautic Cache:** If you've edited config files manually, run:

   ```
   php bin/console cache:clear
   ```

2. **Create a Test Email:** In Mautic, go to **Channels → Emails**. Create a new email, fill in the details, and click *Send Test Email* to verify delivery.
3. If it arrives in your inbox, your SendGrid configuration works!

This approach gives you maximum flexibility, leveraging Symfony Mailer's *sendgrid+api* transport instead of traditional SMTP or Mautic's built-in integration. Now, you can enjoy the reliability and analytics of SendGrid's API alongside Mautic 5's robust marketing automation platform.

Online URL:
https://kb.mautic.org/article/how-to-use-the-sendgrid-api-in-mautic-5-with-symfony-mailer.html