

INVENTORYMANAGEMENTSYSTEM FOR RETAILERS

Domain: Cloud Application Development

Team id: PNT2022TMID25850

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Create an account in send Grid

SendGrid Setup

How to setup Sendgrid for use in OneSignal Email Messaging

OneSignal's Email Messaging requires the use of a third-party email service provider to handle email delivery. All you have to do is set up the integration between the provider and OneSignal, and you'll be ready to send emails through OneSignal.

Step 1. Requirements

- [SendGrid Account](#)
- [OneSignal Account](#)

Step 2. SendGrid Sender Authentication

It is recommended to use SendGrid's "Domain Authentication" so that SendGrid sends emails via your domain rather than via `sendgrid.net`, and the links your users click as coming from your domain.

Install DNS Records

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Dashboard

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Welcome, nalla !

To get up and running quickly, please follow the steps outlined below.

Send your first emails with Twilio SendGrid

Create a sender identity

Before sending email, you'll need to create a sender identity. There are [two ways](#) to do this, but we recommend creating a Single Sender to get set up quickly and test your email integration.

Your sender identity is the "from" email address your recipients will see in their inbox. [Learn more](#) about this.

Your Business

<jane.doe@your_business.com>

to me

Create a Single

Authenticate a

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Sender Authentication /

Single Sender Verification

Create New Sender

SENDERS	ADDRESS	NICKNAME	VERIFIED	ACTIONS
<div>NALLA GROUP</div> <div>FROM nallagroup37@gmail.com</div> <div>REPLY nagu4535@gmail.com</div>	bangalore trunk road , nazarethpettai,600123 chennai, IND	codebricks	<div></div>	<div></div>

Step 4. Enable Email Messaging

In OneSignal, navigate to **Settings > Platforms** and click Email to configure your email settings.

Select **SendGrid** as the provider.

Image selecting SendGrid from email settings

Paste your SendGrid API key into the provided field.

Step 5. Add Subscribers

If you have a list of emails ready, select **Upload CSV** to [Import Email Addresses](#). You can always do this again later.

If you have a website and want to prompt users to provide their email. Select **Add Web Prompt** to use OneSignal's [Email Web Prompt](#).

Step 6. Send Yourself a Test Email

In **OneSignal > Messages > Email**, select **New Email**.

Add a **Subject** and click **Send Test Email**. Input your email and press **Send Test Message**.

Step 7. Set Custom User Properties

OneSignal creates channel-level device records under a unique Id called the `player_id`. A single user can have multiple `player_id` records based on how many devices, email addresses, and phone numbers they use to interact with your app.

If your app has its own login system to track users, call `setExternalUserId` at any time to link all channels to a single user. For more details, see [External User Ids](#).

All other event and user properties can be set using [Data Tags](#). Setting this data is required for more complex segmentation and message personalization.

Step 8. Collect New Emails

Emails can be added into OneSignal using the following options outlined in our [Import Email Addresses](#) guide.

Option	Description
Dashboard Upload	Upload a <code>csv</code> of emails and user data or manually add emails.
Server API	Programmatically add emails serverside.
SDK <code>setEmail</code> method	Add emails using our client side SDK. Recommended if using our SDKs for push or in-app messaging.
Email Web Prompt	A web prompt that allows user to include their own email address and phone number.

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Sender Authentication

Install DNS Records

You will need to install the following records to complete the process.

Manual Setup Send To A Coworker

Instructions

1 Add all of these records to Google+Cloud's DNS section.

TYPE	HOST	VALUE
CNAME	em7766.nallagroup37gmail.com	u29941591.wi092.sendgrid.net
CNAME	s1_domainkey.nallagroup37gmail.com	s1.domainkey.u29941591.wi092.sendgrid.net
CNAME	s2_domainkey.nallagroup37gmail.com	s2.domainkey.u29941591.wi092.sendgrid.net

Not sure how to do this? Consult the documentation

2 Once added, press Verify.