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p. Provided sufficient documentation to install and run their prototype on another machine

This document provides a means to run the BE Safe application on another machine. The BE Safe application can be run on any platform supporting Node.js or Docker. Here are the installation procedures:

Standalone Node Installation

Prerequisites

- A Git client

- Node.js (v0.12.6 is recommended)

- A command prompt or terminal shell window

Installation

1. Clone our GitHub repository.
   ```
   $ git clone https://github.com/buchanan-edwards/be-safe.git
   $ cd be-safe
   ```

2. Edit the `config/local-example.json` file in the repository and update the four all-uppercase environment settings in that file. These settings specify the OpenFDA API key as well as the AWS settings used for SMTP. Then, rename the file to `local.json` (keeping it in the `config` directory, of course).

3. Install the dependencies and start the server.
   ```
   $ npm install
   $ npm start
   ```

4. Point your browser to http://localhost:8081/and use the BE Safe application. Please note that the port can be changed in the `config/defaults.json` file.

Docker Container Installation

The BE Safe application can be run from any computer that supports Docker using the following steps:

1. install boot2docker if on windows or mac; install the lone Docker package if on linux

2. boot2docker ip (write this down for later -- Windows and OSX only)

3. boot2docker ssh (Windows only)

4. docker pull buchananedwards/be-safe

5. docker run -p 8081:8081 -e "OPENFDAAPIKEY=YOUROPENFDAAPIKEY" -e "AWSREGION=YOURAWSREGION" -e "AWSACCESSKEYID=YOURAWSACCESSKEYID" -e "AWSSECRETACCESSKEY=YOURAWSSECRETACCESSKEY" buchananedwards/be-safe

6. The BE-Safe application will now be browsable at X.X.X.X:8081 in a browser where X.X.X.X is the ip address noted in step 2 above.

The BE Safe application uses the AWS Simple Email Service API to send emails. To use this functionality, you must get SES credentials as listed in the first row of the table on the following page. http://docs.aws.amazon.com/ses/latest/DeveloperGuide/using-credentials.html