

**Boon AI | Scrounger**

# Digital Ocean Deployment

Creating a Digital Ocean App is the fastest way to get Scrounger up and running for your users. In 10 minutes you can have a secure app deployed and start handing out access to your users so they can start assessing the value of the search capabilities powered by Zorroa.

Below is a step by step guide to get you going.

---

## Fork the Scrounger repo.

You'll need to fork the Scrounger repository so that you can give Digital Ocean access to the repository. This also positions you to start extending this application with any additional features you may want to develop for it.

If you don't already have a GitHub account you'll need to create one first.



GitHub

<https://github.com/join>

Join GitHub

Once you've logged in to GitHub use the instructions below to fork [TheBoonAI/Scrounger](#).



Fork a repo - GitHub Docs

<https://docs.github.com/en/free-pro-team@latest/github/getting-started-with-github/fork-a-repo#fork-an-example-repository>

---

## Sign up for a Digital Ocean account.

You'll need to create a Digital Ocean account and attach a credit card to cover the cost of hosting. At the time of writing it cost \$10/month to host a Scrounger deployment.



DigitalOcean – The developer cloud

<https://cloud.digitalocean.com/registrations/new>

Sign up for Digital Ocean

## Get an API Key.

Before deploying the application you'll need to have a Boon AI API key ready so that the application can communicate with Boon AI. Use the guide below to create an API key with the "Assets Read" permission.



Make sure to keep the API key window open or paste your key somewhere after creating it. You will not be able to view this key again.



<https://zorroa.gitbook.io/zmlp/getting-started/quick-start/python-zvi-client#get-api-key>

<https://zorroa.gitbook.io/zmlp/getting-started/quick-start/python-zvi-client#get-api-key>

API Key Creation Guide

## Create an App.

Create a new App connected to your forked Scrounger repo that runs the web service and has a Postgres database to track users and sessions. Below is a video showing how to create the application.

You'll need two pieces of information handy to complete the App creation.

- Boon AI API Key - You should have this saved from the previous step.
- Django Secret Key - This is a random 50 character string used for cryptographic signing. You can use our tool below to generate a key. For more information visit the [Django docs](#).



**Django Secret Key Generator**

<https://django-keygen.zorroa.com/>



**Digital Ocean Scrounger Deployment**

<https://youtu.be/2oNoX9NUh8g>



If you omit the `SECRET_KEY` environment variable will still run but will be insecure. There is a default secret key that will be used if the environment variable does not exist and that can be found in the Github repository. If an attacker were to know that your deployment is running the Scrounger source code they could use the default secret key to gain access to user sessions.



When adding the `BOONAI_API_KEY` environment variable you will paste in your Boon AI API key from the previous step.



During the first step where you choose a github repository you may need to connect your github repo to Digital Ocean. There will be instructions on screen for this.