

DevOps Challenge - Deployment

- Deploy a provided, very simple Sinatra application with a random startup time;
- Set up an infrastructure with automated zero-downtime deploy; Detailed description:
- Deploy the version 1.0.0 of the “<https://github.com/Streetbees/cats>” application on a fault-tolerant, automated infrastructure;
- Automate the deployment of the version 2.0.1 of the same application without any downtime;
- You may add any features to the application that might help you with this task, as long as it does not change its existing functionalities and behaviours;
- Make sure that every step is documented so that any developer on your team could manage to use your automation;
- You should use AWS + Terraform to implement your solution;

Publish neither the problem nor the solution on GitHub or any other publicly available platform.

Deliverables

An archive with your solution. The CHALLENGE presentation should take 30m with an additional 30M for Q&A.

Purpose of this challenge / Evaluation:

You'll be evaluated on:

1. Technical solution - does it do what is intended
2. Communication - is it well documented