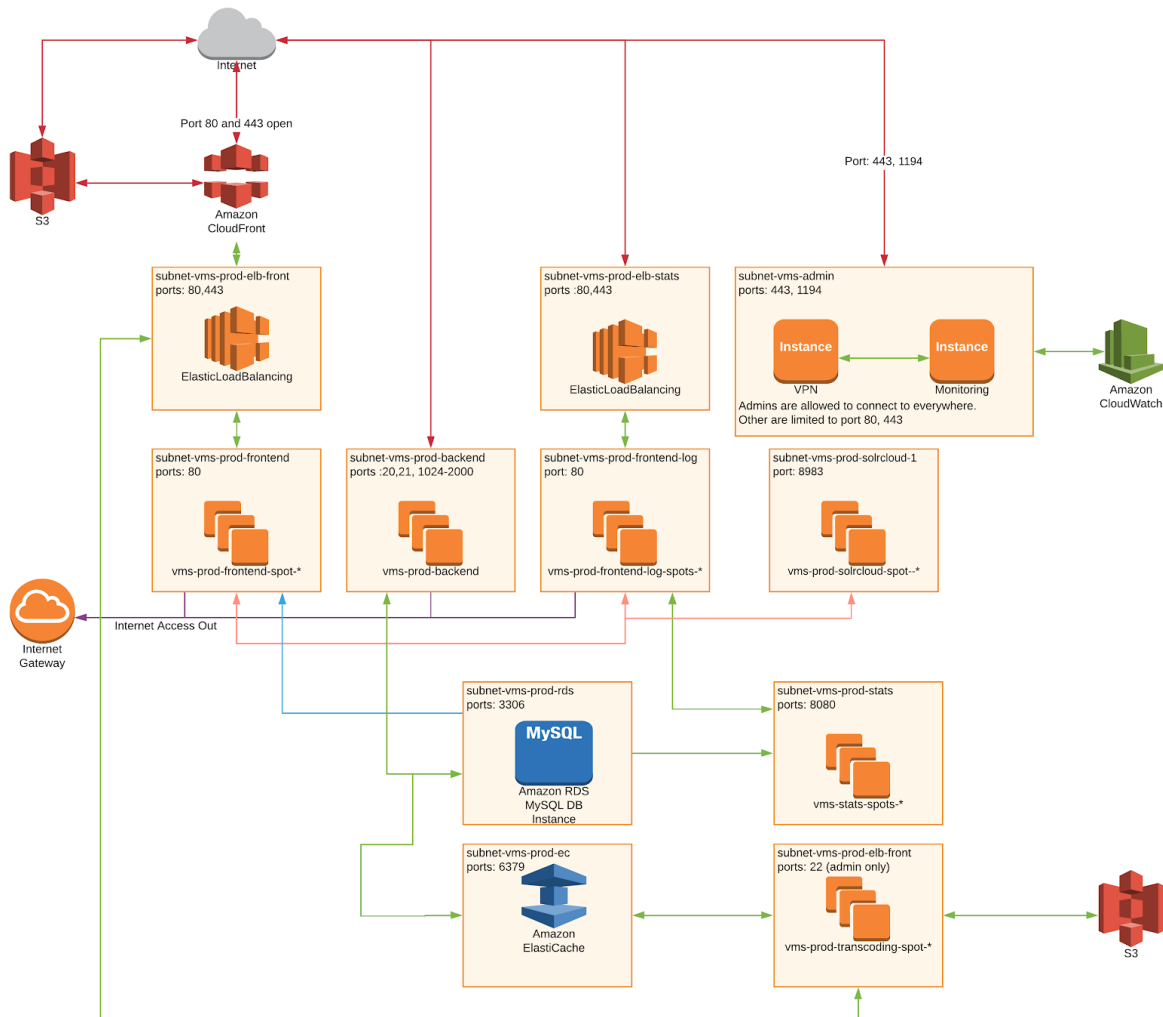# The Assignment

You have just been hired as the new DevOps Engineer at ACME inc. They have been working with Ansible and Cloudformation for the last couple of years and via word of mouth, Terraform has sparked their interest but they're not completely sure if Terraform is the way to go. You are a fan of Terraform and are trying to convince them of taking this route.

Their Infrastructure

Tip: Please select part of the infrastructure you want to focus on in your assignment, don't try and cover it all.

What we ask from you

- Explain how Terraform works and how it compares to Cloudformation + Ansible (basics, pitfalls, pros and cons);
- Explain in general terms what it would take to move from their current setup to a full blown Terraform implementation;
- Describe how you would approach the implementation of this project in their environment (best practises).

You may use a presentation to support your story but you're not obliged to do so.

How

The idea is that you prepare it at home and present it to us in the next interview. Your goal is to convince us :-). In between (or if you prefer at the end, that is also possible) our team will ask you questions about your approach and the choices you made. The conversation will last one hour in total, during which your presentation will last no longer than (+/-) twenty minutes.

If you have any questions please let us know.
Please limit your preparation time to 3 hours.

Greetings,
Erik