

Introduction

We truly appreciate your time. The main goal of this test is to find out how you perform a typical ChilliPharm SRE task, to get something from a local environment into production. The task generally takes between 1 and 3 hours, but you're free to take as little or as much time as you are able.

Task

Your task is to containerise our example application and create a CI and CD pipeline that ships the application to a runtime environment. The application should be viewable via a URL once complete.

Candidate Notes

- ☐ Use the Traefik WhoAMI Docker image as a starting point - <https://github.com/traefik/whoami>
- ☐ IaC or scripts are recommended
- ☐ You are free to choose which tool set you use and how to deploy – while the listed technologies are those which are used within ChilliPharm, don't feel you need to use these technologies if you're not familiar with them:
 - ☐ AWS
 - ☐ Ubuntu
 - ☐ GitHub
 - ☐ K8s
 - ☐ Docker
 - ☐ ConcourseCI
 - ☐ Terraform
- ☐ Please use community cookbooks, modules or roles where it makes sense.
- ☐ Do note that if you use AWS you may incur fees if you exceed their free tier. If you prefer you can use a locally based solution.
- ☐ We'd rather see a series of incremental commits with any fixes rather than a single monolithic commit without any history or context.
- ☐ Do what you can within the time allocated