



# Technical Assessment

## Infrastructure/Devops Engineer

### Foreword

The task to be completed will assess some basic skills an infra/devops engineer should possess. The task does not assess your familiarity with a specific technology, instead you are given the choice on how to complete the task in line with your understanding of best practice.

### Task

The task is to create a solution that serves the *spectral.html* page (attached) via a web server. The time spent on the assessment should be no more than 4 hours.

The solution you create:

- Must not assume a web server is already installed
- Must make the html page available over localhost when it is running
- Must run on a standard Linux environment (e.g. Ubuntu, Debian, etc.)
- Should allow for setup/running the solution easily from the command line
- Should include a load testing report
- Should contain a readme that contains:
  - Instructions on how to run your solution
  - Some brief Insights on why you used this particular approach

You can assume the following dependencies are already available: wget/curl, bash/zsh/etc, chef/puppet/etc., docker (compose), minikube, and python 3. Reach out to us for clarification on anything else you want to assume is pre-installed.

If the technologies you use make the task trivial, you can always add some bells and whistles to better showcase your skills. Some potential add-on work could be:

- Put a reverse proxy in front of the web server so the web server isn't directly accessed
- Put another instance of the web server behind the reverse proxy so you run in high availability
- Put an authentication mechanism in place to access the HTML page
- Or anything else you think would be interesting

When you are finished, make your solution available to us via a public git server (e.g. Gitlab, Github, etc.)