

Write a simple web application in a language of your choice, that prints “Hello World” for all requests.

The app needs to be fronted by a reverse proxy (Apache or nginx) and an application server backend (Tomcat/JBoss/bottle/Flask etc, up to the candidate). Deploy the app in any Cloud/Virtual platform (preferably in AWS)

The candidate can do the task at home, preferably not spending more than a few hours, and share the GitHub repo once complete. If we are happy with the solution they will need to walk us through it during the follow up interview, and be prepared to explain why it was done that way.

Considerations:

1. Explain what kind of image/instance will be used and why, e.g. t1.micro.
2. Explain the steps and other considerations taken into account when creating an instance. Launch the instance the best possible way you can, preferably in easy reproducible steps (keep scaling in mind).
3. Automate build and deploy of app remotely to your Virtual instance. We would prefer if you used Chef, but if you want to use Ansible, Puppet, or bash, that is also fine.
4. The candidate should be able to explain the pros and cons of the technologies used for the solution.