

Question

1. Create a basic REST API in a language of your choice with the following endpoints
 1. GET `/health`
 1. A successful response will return `{ result: "Healthy", error: false }`
2. Containerize the REST API above using Docker
3. Write a terraform script that provisions an AWS EC2 instance (or GCP/Azure equivalent) and run the docker image of the API
4. Ensure that the compute instance network settings, the API server and port forwarding are configured correctly so that the API endpoints can be accessed from an external machine (through postman or UI)

Objectives

- Configure your project in a way where the evaluator simply has to plug their AWS / GCP / Azure credentials / key into the terraform script and run the same in order to provision the resources
- Create a github repo with all the documents, readme and other resources included in your submission and share the repo with `atulxalts` and `jaywardhan01`
- Share a link to your github repo via email
 - atul.mishra@xalts.io
 - jaywardhan.sawale@xalts.io

Timeline

This assignment should be sent within 4 days of receiving it.