

Assignment 2 - Discussion - Cloud Computing

Luiz Felipe Couto Gontijo

2018054524

How to run it

To run the client that connects with the API, you must be within the cluster machine and run the command

```
$ ./client.sh -t <text>
```

Just like the example below:

```
$ ./client.sh -t "#covid19 new york"
```

You don't need to provide the IP address, since the client discovers it automatically by searching by the service name on kubernetes.

Discussion about tests on the CI/CD

When updating the docker image on the public repository and then updating the .yaml deployment file in the repository that ArgoCD is tracking, the pods on Kubernetes are updated automatically (as expected). It takes a few minutes to update both replicas of the pod, and, meanwhile, all the requests made from within the clients worked fine. It worked on the previous version until the pods were on the newer version. At one time there were 4 pods in the cluster: 2 in "terminating" state and 2 others in "ContainerCreating" state.