Kubernetes Basics Homework

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GitHub: https://github.com/nonamecoder2002/GLBaseCamp2021

Task 1: "Network Setup With runC Containers"



https://asciinema.org/a/417092

Task 2: "Build a docker image & push it to the Container Registry"

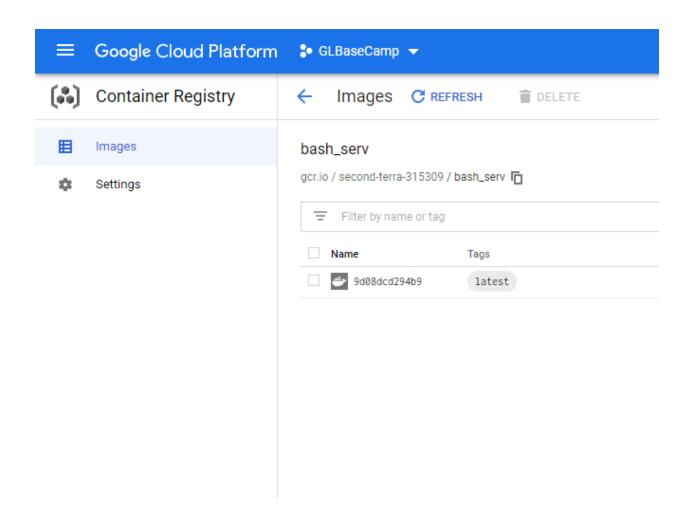
Dockerfile:

```
FROM alpine

CMD while true; do echo -e "HTTP/1.1 200 OK\n\n :)" | nc -l -p 80; done

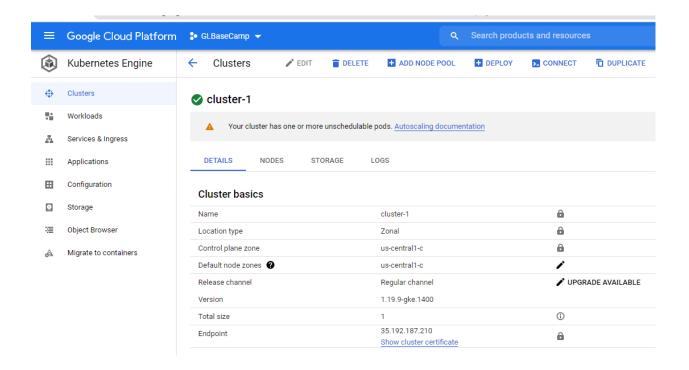
EXPOSE 80
```

Let`s build & push the image to the registry:



Task 3: "Create a Kubernetes cluster & deploy the image there"

Let's create a Kubernetes cluster:



And deploy the image from the registry:

Load balancer

bashserv-service

1	bashserv- ✓ OK 65bbcd85b4			bash-serv-sha256-1: gcr.io/second-terra- 315309/bash_serv@sha256:9d08dcd294b9eb385f071			
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/lanaged	-	S Name		Status	Restarts	Created on A	
Revi	1	bashserv-65bbcd85	ib4-6hhth	Running	Restarts 0	Created on ↑ May 30, 2021, 2:58:45	PM
	1	bashserv-65bbcd85	b4-mxrhn	Running	0	May 30, 2021, 2:58:45	PM
	1	bashserv-65bbcd85	h4-v7tfl	Running	0	May 30, 2021, 2:58:45	PM

23.236.62.0:80 🗷

Let's check if the deployment work correctly:

