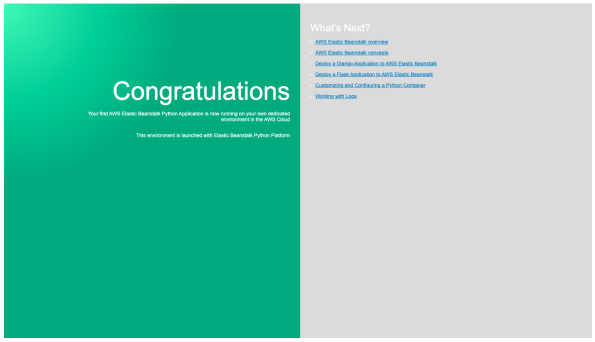
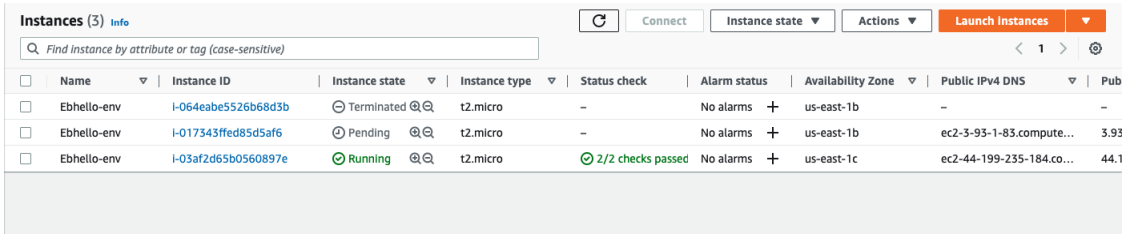
**Max Hueckstead**
**CS 530**
**Week 6 Lab**

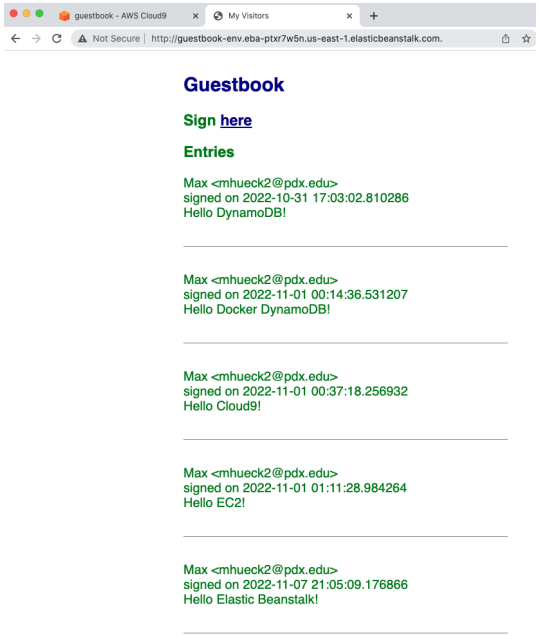
1.



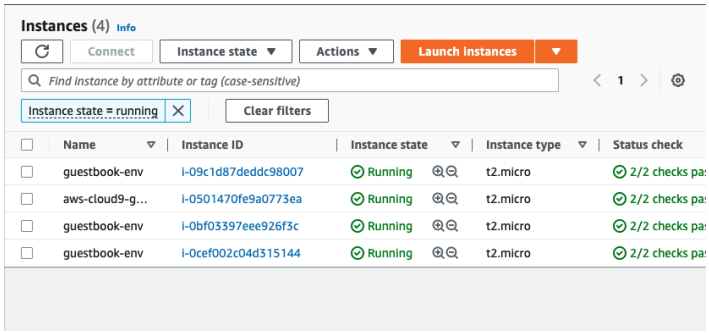

2.



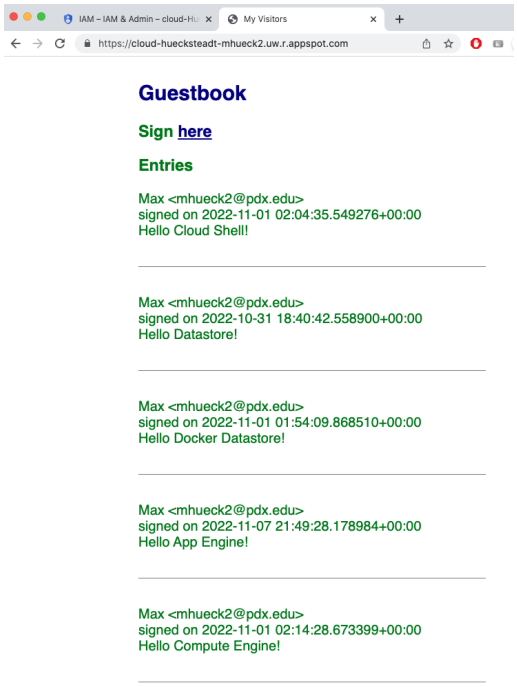

3.



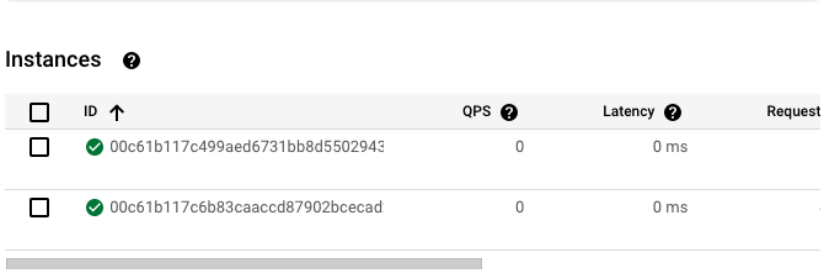
4.


Instances (4) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
guestbook-env
i-09c1d87deddc98007
Running
t2.micro
2/2 checks pa
aws-cloud9-g...
i-0501470fe9a0773ea
Running
t2.micro
2/2 checks pa
guestbook-env
i-0bf03397eee926f3c
Running
t2.micro
2/2 checks pa
guestbook-env
i-0cef002c04d315144
Running
t2.micro
2/2 checks pa

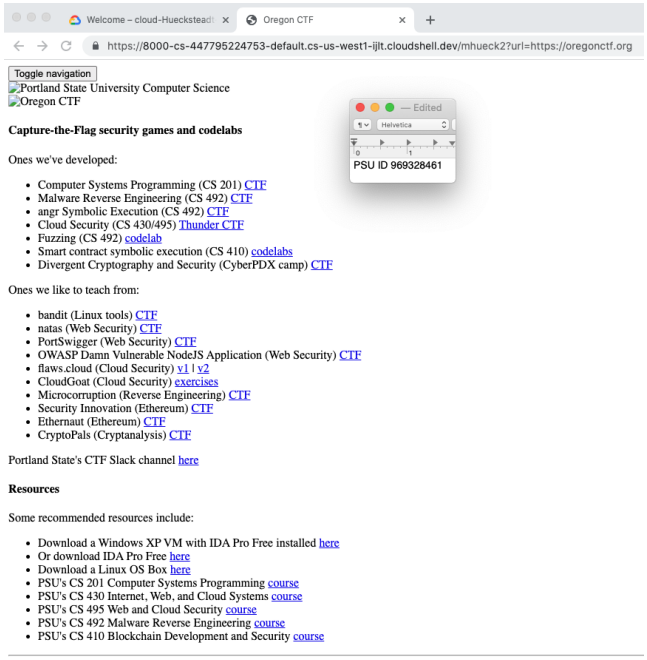
5.


My Visitors
https://cloud-hueckstead-mhueck2.uw.r.appspot.com
Guestbook
Sign here
Entries
Max <mhueck2@pdx.edu>
signed on 2022-11-01 02:04:35.549276+00:00
Hello Cloud Shell!
Max <mhueck2@pdx.edu>
signed on 2022-10-31 18:40:42.558900+00:00
Hello Datastore!
Max <mhueck2@pdx.edu>
signed on 2022-11-01 01:54:09.868510+00:00
Hello Docker Datastore!
Max <mhueck2@pdx.edu>
signed on 2022-11-07 21:49:28.178984+00:00
Hello App Engine!
Max <mhueck2@pdx.edu>
signed on 2022-11-01 02:14:28.673399+00:00
Hello Compute Engine!

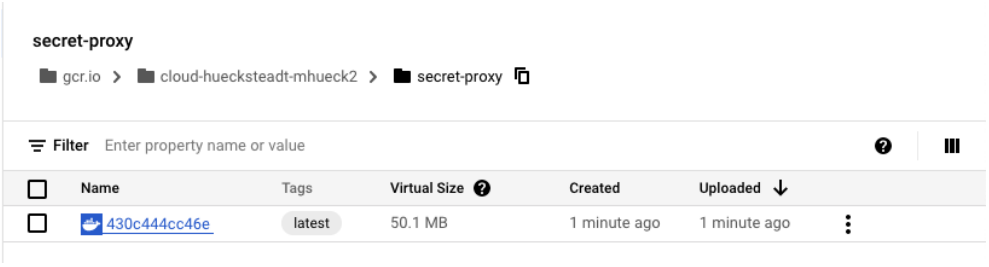
6.

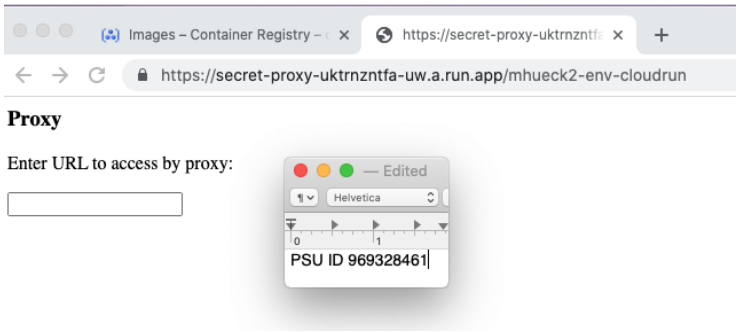

Instances
ID
QPS
Latency
Request
00c61b117c499aed6731bb8d5502943
0
0 ms
00c61b117c6b83caaccd87902bcecad
0
0 ms

7.

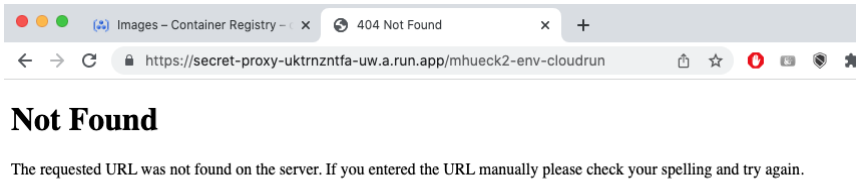



Passing in the proxy route as an environment variable allows the proxy route to be specified at the instantiation of the container, as opposed to being stored somewhere more permanent like a file.

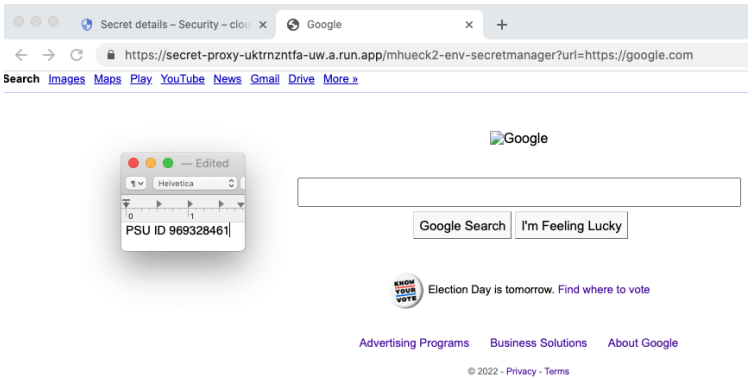
8. 


9. 

10.

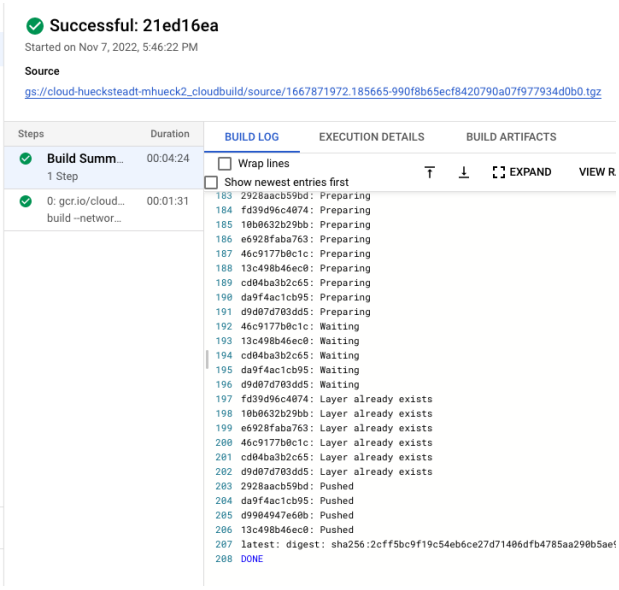



11.



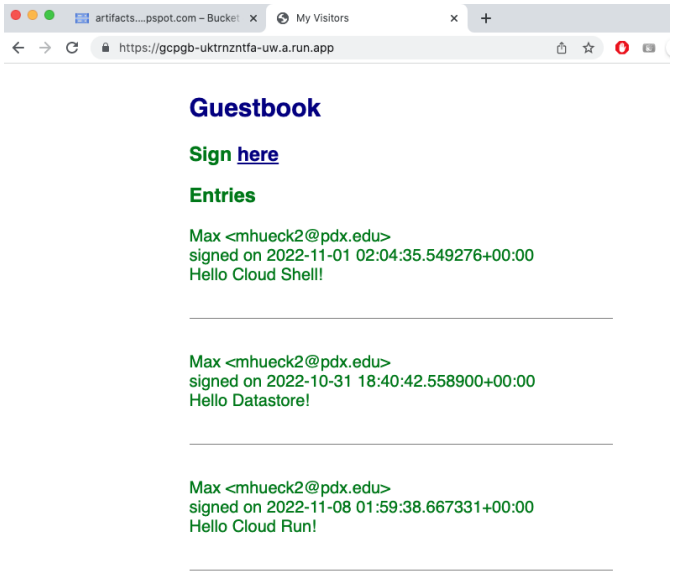

12. Google prevented a SSRF ‘attack’ by myself, essentially me posing as the google machine to serve a metadata request, which I could use to get access to sensitive information. However, Google prevented this by changing the metadata access requirements.

13.



14.

15.




16.

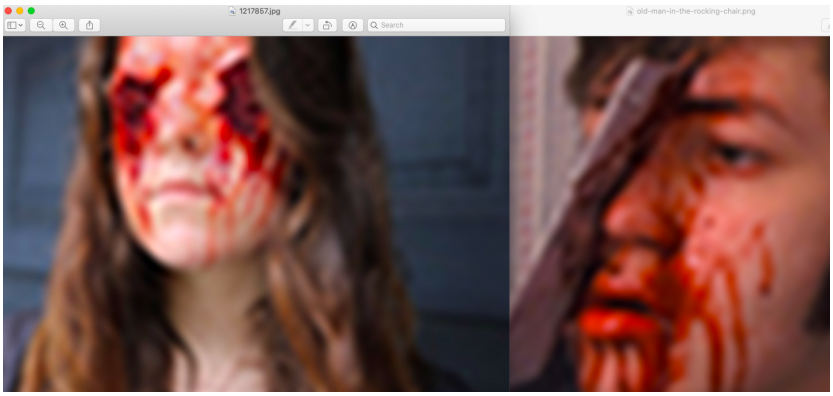
- What port do container instances listen on?

  8080

- What are the maximum number of instances Cloud Run will autoscale up to for your service?
- 100

17.

- After downloading the file from the bucket, where is it stored? In a temporary file with a unique id, (via mkstemp()).
- What class in the ImageMagick package is used to do the blurring of the file? The resize class (image.resize)
- What lines of code perform the blurring of the image and its storage back into the filesystem? 72-74

18. 


19.
```
LEVEL: I
NAME: blur_offensive_images
EXECUTION_ID: p6d4rk2yqifn
TIME_UTC: 2022-11-08 02:30:32.320
LOG: Blurred image uploaded to: gs://maxsbigimagebucket/1217857.jpg

LEVEL: I
NAME: blur_offensive_images
EXECUTION_ID: p6d4rk2yqifn
TIME_UTC: 2022-11-08 02:30:30.785
LOG:

LEVEL: I
NAME: blur_offensive_images
EXECUTION_ID: p6d4rk2yqifn
TIME_UTC: 2022-11-08 02:30:30.785
LOG: Image 1217857.jpg was blurred.

LEVEL: I
NAME: blur_offensive_images
EXECUTION_ID: p6d4rk2yqifn
TIME_UTC: 2022-11-08 02:30:24.097
LOG:

LEVEL: I
NAME: blur_offensive_images
EXECUTION_ID: p6d4rk2yqifn
TIME_UTC: 2022-11-08 02:30:24.097
LOG: Image 1217857.jpg was downloaded to /tmp/tmpqswgx341.
```