Section 4. „Vulnerability Scanning of Images”

Links:

https://en.wikipedia.org/wiki/Common_Vulnerabilities_and_Exposures

https://cve.mitre.org/

https://www.cvedetails.com/product/18211/Djangoproject-Django.html?vendor_id=10199

https://hub.docker.com/_/python

https://github.com/coreos/clair

https://github.com/arminc/clair-scanner

https://github.com/pythonincontainers/cve-scan

Commands:

```
$ git clone https://github.com/pythonincontainers/cve-scan

$ cd cve-scan

$ docker build -t clair-scanner .

$ docker network create clair_net

$ docker run -d --name postgres --network clair_net
arminc/clair-db

$ docker run --network clair_net -d --name clair arminc/clair-
local-scan

$ docker logs clair

$ docker pull python:3.7.3-slim

$ docker run -it --rm --network clair_net -v
/var/run/docker.sock:/var/run/docker.sock -v ${PWD}:/scan clair-
scanner -c http://clair:6060 -r clair-report1.json python:3.7.3-
slim

$ docker run -it --rm --network clair_net -v
/var/run/docker.sock:/var/run/docker.sock -v ${PWD}:/scan clair-
```

```
scanner -c http://clair:6060 -r clair-report2.json -w
python3.7.3-slim_whitelist.yml python:3.7.3-slim

$ echo $?
```