

HackMD Service Documentation

Application source: <https://github.com/Rome314/lab-2>

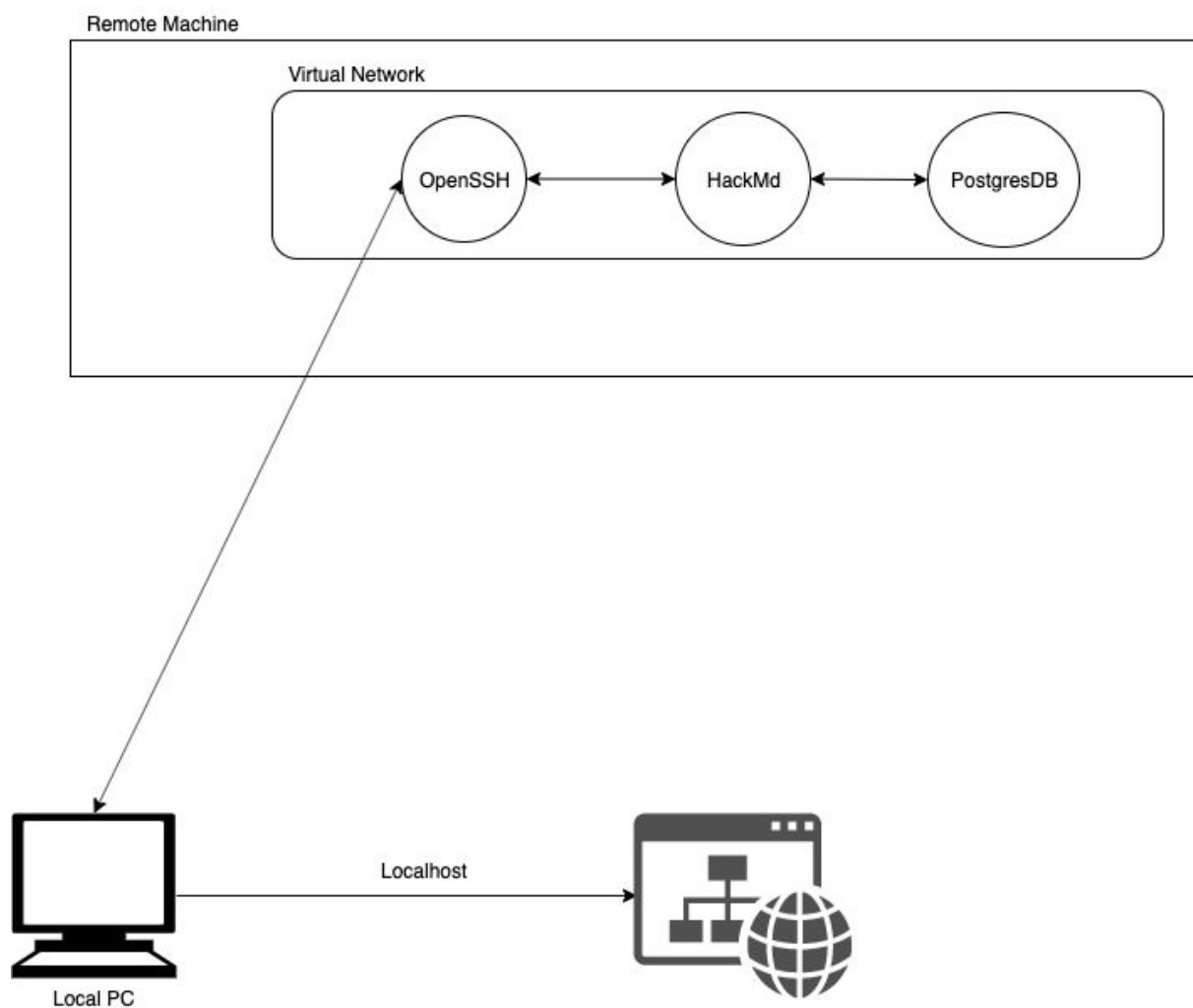
Server Hosting service: Amazon AWS

Server OS: Canonical, Ubuntu, 18.04 LTS, amd64 bionic

Server instance type: t2.micro

Installed soft: docker, docker-compose

Infrastructure map:



In case of failure:

Scenario 1 (some container is down):

1. go to application folder: `cd ./lab-2`
2. stop what still working: `./stop-it.sh`
3. run application again: `docker-compose up -d`

Scenario 2 (server fault):

1. launch new instance [AWS](#)
2. connect through ssh to instance
3. clone application repository: `git clone https://github.com/Rome314/lab-2.git`
4. go to application folder: `cd ./lab-2`
5. add local machine's public key to `sshd-configuration/authorized_keys` file
6. run application: `docker-compose up -d`
7. create tunnel from local machine to server:
`ssh -L YOUR_PORT:hackmd:3000 root@REMOTE_MACHINE_ADDRESS`
`-p 23`

Configuration files:

sshd config can be found in `sshd-configuration/sshd_config` file

To change logging in from public keys to password:

change the lines:

`PermitRootLogin yes`

`PasswordAuthentication yes`

password will be: root