Solutions to lab tasks 01-26

1

Made instance with name db1.

- medium size
- ubuntu 16.04 amd64
- manager keypair

Installed mysql server:

```
1    apt-get update
2    apt-get install mariadb-server
```

(chose password "dynamitt")

Configured database. Tested with

```
1    mysqladmin -u root -p version
2    mysqladmin -u root -p variables
3    mysqlshow -p
4    mysqlshow -p mysql
```

Some useful commands:

```
1    service mysql start|stop
2    service mysql status
```

Configuring mysql

Config is under `mariadb.conf.d/50-server.cnf`. Opened it and changed the `bind-address` under `[mysqld]` to 0.0.0.0.

Configured root with new privilides with `GRANT ALL PRIVILEGES ON *.* TO 'root'@'localhost'IDENTIFIED BY 'dynamitt'WITH GRANT OPTION; FLUSH PRIVILEGES;`. (To allow root to connect from manager. We undid this after)

See users with `select * from mysql.user\G`

Tried connecting from manager

```
1      mysql -h server -u user -p mysql
```

NOTE: had to install a `mariadb-client-core-10.0` on manager

Works!

Turned on bin logging

..by going to the cnf file and removing the comment from the `log_bin` line under `[mysqld]`

2

Created db for bookface with `CREATE DATABASE bookfacedb` in mysql

Added bookface user with the command `GRANT SELECT,UPDATE,INSERT,CREATE,DROP,DELETE ON bookfacedb.* TO 'harry'@'10.10.0.%'IDENTIFIED BY 'kaboom';`

Tested that could connect from www1 and www2.

3

Followed the instructions on https://git.cs.hioa.no/kyrre/bookface.

Gave Kyrre our IP. He set up traffic for us. It's working fine :D