



Chapter 2: Authorization and Encryption

Homework 2.6 : Configure KMIP backed mongod

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Here are the details on how to perform this exercise:

- Start the PyKMIP server on the **infrastructure** VM.

```
$ vagrant ssh infrastructure
$ cd ~/shared
$ python pykmip_server.py
```

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- Keep the PyKMIP server open and connect to the database VM. From here it's very straightforward to start the **mongod** with the encrypted storage engine enabled with KMIP.

```
$ vagrant ssh database
$ mkdir -p ~/M310-HW-2.6/
$ mongod --dbpath ~/M310-HW-2.6/ --logpath ~/M310-HW-2.6/mongo.log
--enableEncryption \
    --kmipServerName infrastructure.m310.mongodb.university \
    --kmipServerCAFile ~/shared/certs/ca.pem \
    --kmipClientCertificateFile ~/shared/certs/client.pem --
fork --port 31260
```

COPY

Proceed to next section