Chapter 1: Authentication

Homework 1.1 : Enable SCRAM-SHA-1

Problem:

In this first homework exercise we would like for you to demonstrate that you are able to get a standalone server up and running with authentication enabled.

Let's bring up our Vagrant machine, available as part of the lesson handouts.

```
$ cd m310-vagrant-env
$ vagrant up
$ vagrant ssh database
```
COPY

For this exercise we want you to perform the following set of tasks:

- Launch **mongod** with no authentication enabled

- Create user **alice** with password **secret** on **admin** database and role **root**

- Relaunch **mongod** with authentication enabled

- Run command

```
db.runCommand({getParameter: 1, authenticationMechanisms: :
```
COPY

Which of the following statements will successfully run the above command on the standalone server that you've set up?

Attempts Remaining: **Correct Answer** ✅ ⭘ ⭘

Check all answers that apply:

☐
```
mongo -u alice -p secret --eval "db.runCommand({getParameter: 1,
authenticationMechanisms: 1})"
```

☑
```
mongo admin --eval "db.auth('alice',
'secret');db.runCommand({getParameter: 1,
authenticationMechanisms: 1})"
```

☑
```
mongo -u alice -p secret --eval
"db=db.getSisterDB('admin');db.runCommand({getParameter: 1,
authenticationMechanisms: 1})" --authenticationDatabase admin
```

☐
```
mongo -u alice -p secret --eval "db.runCommand({getParameter: 1,
authenticationMechanisms: 1})" --authenticationDatabase admin
```

☐
```
mongo --eval "db.runCommand({getParameter: 1,
authenticationMechanisms: 1})"
```

☑
```
mongo admin -u alice -p secret --eval
"db.runCommand({getParameter: 1, authenticationMechanisms: 1})"
```

See detailed answer

Proceed to next section

Assignment is Due

12d:03hr:51m
Dec 17, 17:00 UTC

Your Grade

PASS/FAIL
Submitted