Chapter 3: Auditing and Best Practices

Homework 3.1 : Enable auditing on replica set

Back to the Question

This homework should be pretty straightforward. By now you should be very comfortable spinning up replica sets in different configurations.

First we need to set up our directory structure:

```
$ mkdir -p ~/M310-HW-3.1/{r0,r1,r2}
```

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After that, we can go ahead and start each member of our replica set with auditing enabled:

COPY

```
$ mongod --dbpath ~/M310-HW-3.1/r0 --logpath ~/M310-HW-
3.1/r0/mongo.log --port 31310 \
         --fork --replSet HW-3.1 --auditDestination file --
auditFormat JSON \
         --auditPath ~/M310-HW-3.1/r0/auditLog.json
$ mongod --dbpath ~/M310-HW-3.1/r1 --logpath ~/M310-HW-
3.1/r1/mongo.log --port 31311 \
         --fork --replSet HW-3.1 --auditDestination file --
auditFormat JSON \
         --auditPath ~/M310-HW-3.1/r1/auditLog.json
$ mongod --dbpath ~/M310-HW-3.1/r2 --logpath ~/M310-HW-
3.1/r2/mongo.log --port 31312 \
         --fork --replSet HW-3.1 --auditDestination file --
auditFormat JSON \
         --auditPath ~/M310-HW-3.1/r2/auditLog.json
```

From here, all we need to do is connect to the **mongod** running on port **31310**, initiate the replica set, and add the other members.

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```
$ mongo --port 31310
use admin
rs.initiate()
rs.add('database.m310.mongodb.university:31311')
rs.add('database.m310.mongodb.university:31312')
```

Proceed to next section