

Title: Mongodb with docker-compose - create user

Post Body:

This is my docker-compose.yml:

```
version: '2.0' services:  mongo_container:    image: mongo:latest    environment:      MONGO_INITDB_ROOT_USERNAME: root
```

And this in my spring configuration:

```
spring.data.mongodb.host=localhost spring.data.mongodb.port=27017 spring.data.mongodb.username=root spring.data.mongodb.password=
```

But everytime when I try to connect my app to Mongo I get following error in Docker console:

```
mongo_container_1 | 2020-03-31T07:37:24.803+0000 I ACCESS [conn2] SASL SCRAM-SHA-1 authentication failed for root on test
```

What am I doing wrong? I tried to remove all containers with `docker system prune` and run it again but it still gives the same error.

Accepted Answer:

You need to add the following line in your application.properties :

```
spring.data.mongodb.authentication-database=admin
```

[From docker-hub mongodb readme](#) :

```
MONGO_INITDB_ROOT_USERNAME, MONGO_INITDB_ROOT_PASSWORD
```

These variables, used in conjunction, create a new user and set that user's password. **This user is created in the admin authentication database** and given the role of root, which is a "superuser" role.

And for database :

```
MONGO_INITDB_DATABASE This variable allows you to specify the name of a database to be used for creation scripts in /docker-entrypoint-initdb.d/*.js ... MongoDB is fundamentally designed for "create on first use", so if you do not insert data with your JavaScript files, then no database is created.
```

In MongoDB, when authentication is enabled you always authenticate against a particular database (by default admin), then connect and use another one. That's why there are two different properties : authentication-database (to authenticate against) and database (the one to use)

Highest Rated Answer: None