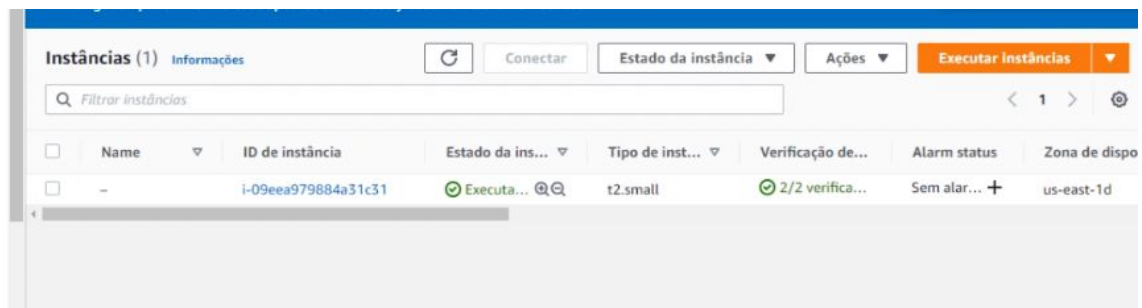


Vinicius Silva da Conceição

RA: 01192071

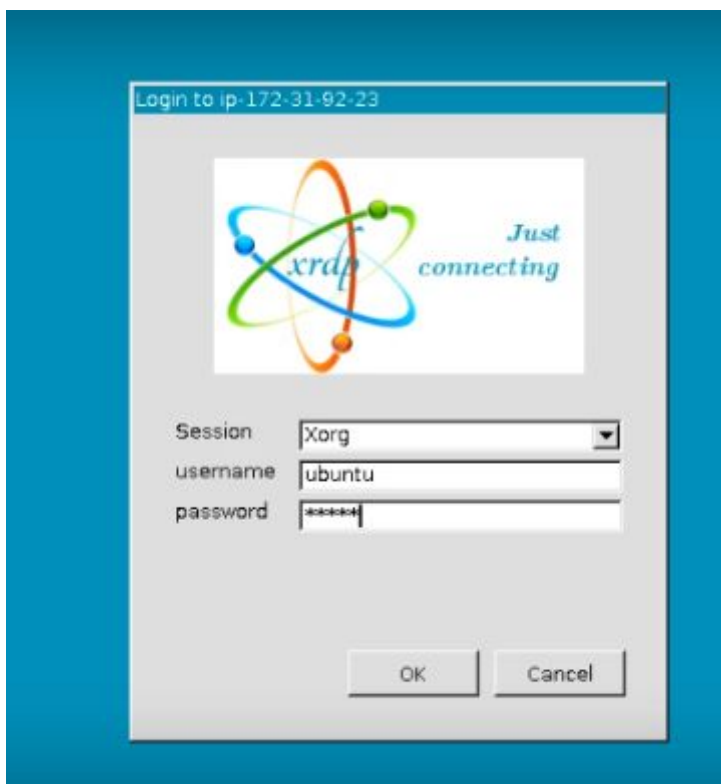
NOSSA API (SUPERVISOR) NA AWS

Iniciar a instância e atachar o volume na AWS

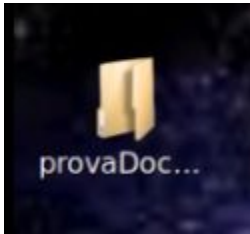


Na conexão remota inserir o Ipv4 que está na EC2.

Entrar na VM com seu login e senha.



Abrir um terminal, entrar no Desktop e depois na pasta provaDocker (onde fizemos o Git clone do nosso projeto).



Remover a target (rm -r target)

“Buildar” o maven (mvn clean install)

```
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker
File Edit Tabs Help
ubuntu@ip-172-31-92-23:~$ cd desktop
ubuntu@ip-172-31-92-23:~/Desktop$ cd provaDocker
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker$ ls
pom.xml  src  target
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker$ rm -f target
rm: cannot remove 'target': Is a directory
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker$ rm -r target
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker$ mvn clean install
[INFO] Scanning for projects...
[INFO]
[INFO] -----< br.com.listinha1:projetoDocker >-----
[INFO] Building projetoDocker 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
```

JAR (projetoDocker-1.0-SNAPSHOT-jar-with-dependencies.jar)

```
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker/target
File Edit Tabs Help
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker$ ls
pom.xml src target
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker$ cd ..
ubuntu@ip-172-31-92-23: ~/Desktop$ cd provaDocker/
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker$ ls
pom.xml src target
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker$ cd target/
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker/target$ ls
archive-tmp  Maven-Status
classes      projetoDocker-1.0-SNAPSHOT-jar-with-dependencies.jar
generated-sources projetoDocker-1.0-SNAPSHOT.jar
generated-classes
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker/target$ java -jar projetoDocker-1.0-SNAPSHOT-jar-with-dependencies.jar
```

```
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker
File Edit Tabs Help
[INFO] Installing /home/ubuntu/Desktop/provaDocker/pom.xml to /home/ubuntu/.m2/repository/br/com/listinha/projetoDocker/1.0-SNAPSHOT/projetoDocker-1.0-SNAPSHOT.pom
[INFO] Installing /home/ubuntu/Desktop/provaDocker/target/projetoDocker-1.0-SNAPSHOT-jar-with-dependencies.jar to /home/ubuntu/.m2/repository/br/com/listinha/projetoDocker/1.0-SNAPSHOT/projetoDocker-1.0-SNAPSHOT-jar-with-dependencies.jar
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 12.523 s
[INFO] Finished at: 2020-11-30T23:39:49Z
[INFO] -----
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker$ java -jar ./target/projetoDocker-1.0-SNAPSHOT-jar-with-dependencies.jar
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Inserção feita com sucesso de memória!
Inserção feita com sucesso de memória!
Inserção feita com sucesso de cpu!
Inserção feita DISCO!
```

```
ubuntu@ip-172-31-92-23: ~/Desktop/provaDocker/target
File Edit Tabs Help
Inserção feita com sucesso de cpu!
Inserção feita DISCO!

Inserção feita DISCO!

Inserção feita DISCO!

Inserção feita DISCO!

Inserção feita DISCO!

Inserção feita com sucesso de memória!
Inserção feita com sucesso de cpu!
Inserção feita DISCO!

Inserção feita DISCO!

Inserção feita DISCO!

Inserção feita DISCO!

Inserção feita DISCO!
```

SUPERVISOR - HARDWARE INFORMATION

OS & HW Info

Memória

CPU

Disco

Processos

Sistema ope...

Sistema operacionalGNU/Linux Ubuntu 20.04.1 l

Booted: 2020-11-24T00:18:20Z

Uptime: 6 days, 23:09:02

Processa...

Intel(R) Xeon(R) CPU E5-2676 v3 @ 2.40GHz

1 physical CPU package(s)

1 physical CPU core(s)

1 logical CPU(s)

Identifier: Intel64 Family 6 Model 63 Stepping 2

ProcessorID: 0781FBFF003006F2

Microarchitecture: Haswell (Server)

Monitores

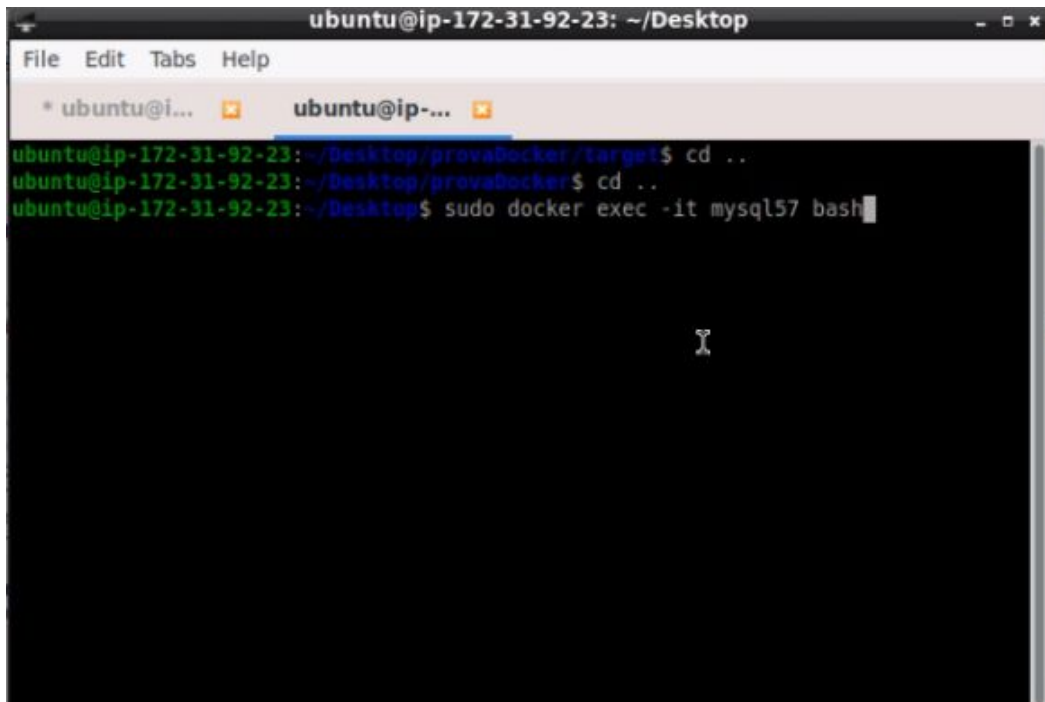
Nenhum detectado.

Informação do hardware

```
{
  "firmware": {
    "manufacturer": "unknown",
    "description": "dmi:bnXen:bvr4.2.amazon:bd08/24/2006:svnXen:pnHVM",
    "version": "4.2.amazon",
    "releaseDate": "2006-08-24",
    "name": "unknown"
  },
  "baseboard": {
    "manufacturer": "unknown",
    "model": "unknown",
    "version": "unknown",
    "serialNumber": "unknown"
  },
  "manufacturer": "Xen",
  "model": "HVM domU (version: 4.2.amazon)",
  "serialNumber": "unknown"
}
```

DOCKER

docker exec -it mysql57 bash

A terminal window titled 'ubuntu@ip-172-31-92-23: ~/Desktop' with a menu bar (File, Edit, Tabs, Help) and two tabs. The active tab shows the following commands and output:

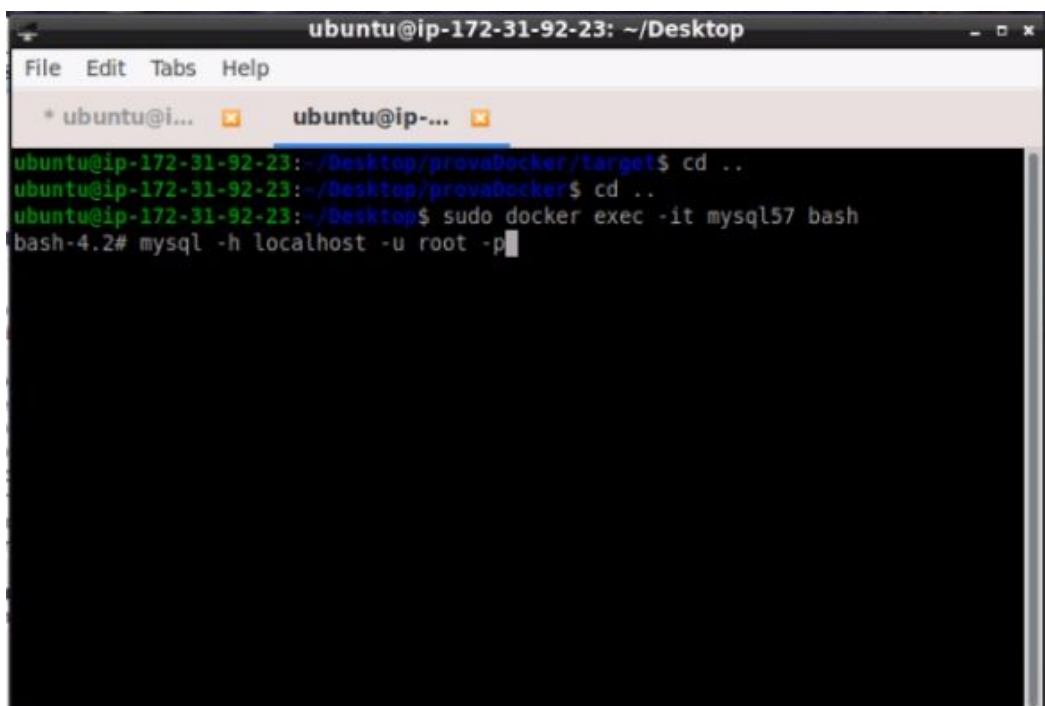
```
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker/target$ cd ..
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker$ cd ..
ubuntu@ip-172-31-92-23:~/Desktop$ sudo docker exec -it mysql57 bash
```

The cursor is at the end of the last command.

Entrar no MySQL:

mysql -h localhost -u root -p

USUARIO e SENHA

A terminal window titled 'ubuntu@ip-172-31-92-23: ~/Desktop' with a menu bar (File, Edit, Tabs, Help) and two tabs. The active tab shows the following commands and output:

```
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker/target$ cd ..
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker$ cd ..
ubuntu@ip-172-31-92-23:~/Desktop$ sudo docker exec -it mysql57 bash
bash-4.2# mysql -h localhost -u root -p
```

The cursor is at the end of the last command.

```
ubuntu@ip-172-31-92-23: ~/Desktop
File Edit Tabs Help
* ubuntu@i...  ubuntu@ip-...
ubuntu@ip-172-31-92-23:~/Desktop/provaDocker$ cd ..
ubuntu@ip-172-31-92-23:~/Desktop$ sudo docker exec -it mysql57 bash
bash-4.2# mysql -h localhost -u root -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
bash-4.2# mysql -h localhost -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 27263
Server version: 5.7.32 MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

Dentro de MySQL:

SHOW DATABASES;

USE bancoSupervisor;

SHOW TABLES;

SELECT * FROM Registros;

```
ubuntu@ip-172-31-92-23: ~/Desktop
File Edit Tabs Help
* ubuntu@i...  ubuntu@ip-...
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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| bancoSupervisor |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.00 sec)

mysql>
```

```
mysql> USE bancoSupervisor;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql>
```

```
Database changed
mysql> SHOW TABLES;
+-----+
| Tables_in_bancoSupervisor |
+-----+
| Registros                 |
| componentes               |
| maquina                   |
+-----+
3 rows in set (0.00 sec)

mysql>
```

Dados Captados:

```
mysql> SELECT * FROM Registros;
```

```
ubuntu@ip-172-31-92-23: ~/Desktop
File Edit Tabs Help
* ubuntu@i...  ubuntu@ip-...
+-----+
| 4546 | NULL | 96.0 | % | 1 |
+-----+
3 | 4547 | NULL | 96.0 | % | 1 |
3 | 4548 | NULL | 96.0 | % | 1 |
3 | 4549 | NULL | 96.0 | % | 1 |
3 | 4550 | NULL | 96.0 | % | 1 |
3 | 4551 | NULL | 96.0 | % | 1 |
3 | 4552 | NULL | 96.0 | % | 1 |
3 | 4553 | NULL | 96.0 | % | 1 |
+-----+
--+
4553 rows in set (0.00 sec)

mysql>
```