Before this, ensure you open cmd on EC2

AWS Step 8: How to set up MLFlow on S3

Type "pip install mlflow" (if you do not have pip, install pip first).

Type "mlflow server -h 0.0.0.0 –default-artifact-root s3://YOUR-S3-NAME"

In this guide, the s3 name is mlops-with-aws-s3, so we give the below command.

mlflow server -h 0.0.0.0 –default-artifact-root s3:// mlops-with-aws-s3

```
[ec2-user@ip-172-31-8-122 ~]$ mlflow server -h 0.0.0.0 --default-artifact-root s3://mlops-with-aws-s3 [2023-06-05 04:36:58 +0000] [28222] [INFO] Starting gunicorn 20.1.0 [2023-06-05 04:36:58 +0000] [28222] [INFO] Listening at: http://doi.org/10.0.0015000 (28222)
```

If you see the below errors, need to kill gunicorn "killall gunicorn", then re-run mlflow with the above command.

```
[ec2-user@ip-172-31-37-154 ~]$ miflow ui -h 127.0.0.1

[2023-06-08 04:40:54 +0000] [33082] [INFO] Starting gunicorn 20.1.0

[2023-06-08 04:40:54 +0000] [33082] [ERROR] Connection in use: ('127.0.0.1', 5000)

[2023-06-08 04:40:54 +0000] [33082] [ERROR] Retrying in 1 second.

[2023-06-08 04:40:55 +0000] [33082] [ERROR] Retrying in 1 second.

[2023-06-08 04:40:55 +0000] [33082] [ERROR] Retrying in 1 second.

[2023-06-08 04:40:56 +0000] [33082] [ERROR] Connection in use: ('127.0.0.1', 5000)

[2023-06-08 04:40:56 +0000] [33082] [ERROR] Retrying in 1 second.

[2023-06-08 04:40:57 +0000] [33082] [ERROR] Connection in use: ('127.0.0.1', 5000)

[2023-06-08 04:40:57 +0000] [33082] [ERROR] Retrying in 1 second.

[2023-06-08 04:40:57 +0000] [33082] [ERROR] Retrying in 1 second.

[2023-06-08 04:40:58 +0000] [33082] [ERROR] Connection in use: ('127.0.0.1', 5000)

[2023-06-08 04:40:58 +0000] [33082] [ERROR] Retrying in 1 second.

[2023-06-08 04:40:59 +0000] [33082] [ERROR] Can't connect to ('127.0.0.1', 5000)

Running the mlflow server failed. Please see the logs above for details.

[ec2-user@ip-172-31-37-154 ~]$ miflow ui

[2023-06-08 04:42:47 +0000] [33146] [INFO] Starting gunicorn 20.1.0

[2023-06-08 04:42:47 +0000] [33146] [INFO] Listening at: http://127.0.0.1:5000 (33146)
```

Click the link mlflow gives (see the URL that assigns to your public IPv4)

