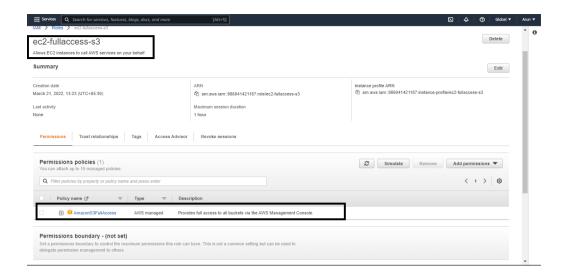
## Interaction of ec2 and s3 in Ubuntu Instance

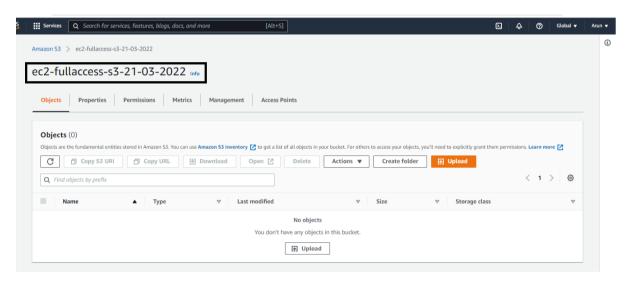
# and run of java file

- 1. Create IAM role for EC2 to access S3 bucket.
- 2. Create one s3 bucket
- 3. Create Ubuntu 20.0 EC2 instance
- 4. Connect to instance and Install Java Create one directory as "Java code"
- 5. Create one directory as "Java code"
- 6. Create a java file
- 7. Compile the java file.
- 8. Move that java file to s3.

#### Step 1: Create IAM role for EC2 to access S3 bucket.

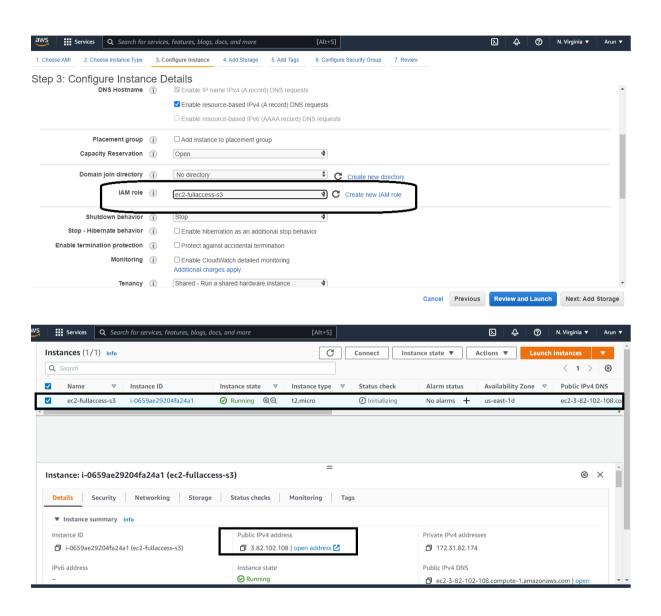


#### Step 2 : Create one s3 bucket



#### Step 3: Create Ubuntu 20.0 EC2 instance

During the configuration process select IAM Role which one created in step1.



#### Step 4: connect to instance and Install java

```
sudo apt update
sudo apt install default-jre -y
java -version

openjdk version "11.0.14" 2022-01-18

OpenJDK Runtime Environment (build 11.0.14+9-Ubuntu-Oubuntu2.20.04)

OpenJDK 64-Bit Server VM (build 11.0.14+9-Ubuntu-Oubuntu2.20.04, mixed mode, sharing)
root@ip-172-31-82-174:~#

sudo apt install default-jdk -y
javac -version
```

#### Step 5 : Create one directory as "Java code"

```
root@ip-172-31-82-174:~# mkdir javacode
root@ip-172-31-82-174:~# ls
javacode snap
root@ip-172-31-82-174:~# ■
```

#### Step 6: Create a java file "simple.java"

```
root@ip-172-31-82-174:~/javacode# cat simple.java

oublic class simple{
oublic static void main(String args[]){
System.out.println("hello world");
}}
root@ip-172-31-82-174:~/javacode#
```

# Step 7 : Compile the java file and run Javac simple.java Java simple

```
root@ip-172-31-82-174:~/javacode# javac simple.java
root@ip-172-31-82-174:~/javacode# java simple
hello world
root@ip-172-31-82-174:~/javacode#
```

### Step 8: Install Awscli and Move that java file to s3.

Sudo apt install awscli aws s3 cp local\_folder\_path s3://bucket\_name/ aws s3 cp /root/javacode/simple.java s3://ec2-fullaccess-s3-21-03-2022

# Step 9 : Observe the s3 bucket in management console, file is got uploaded.

