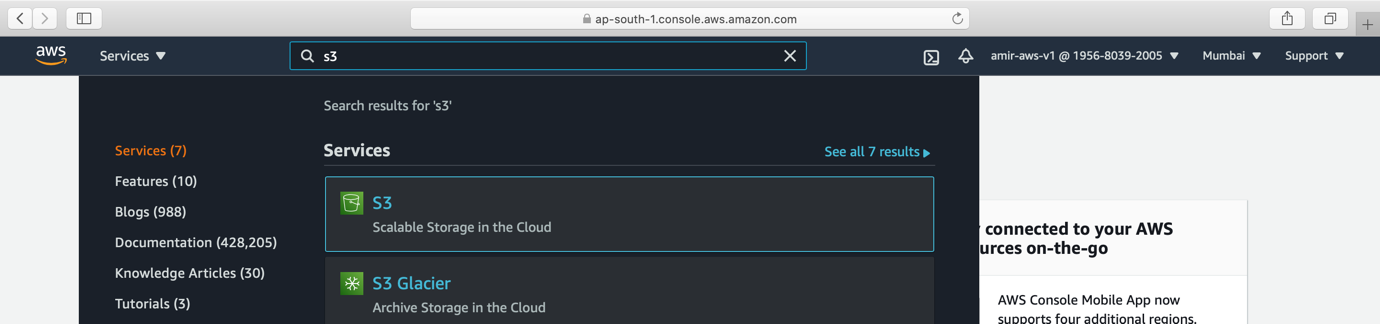
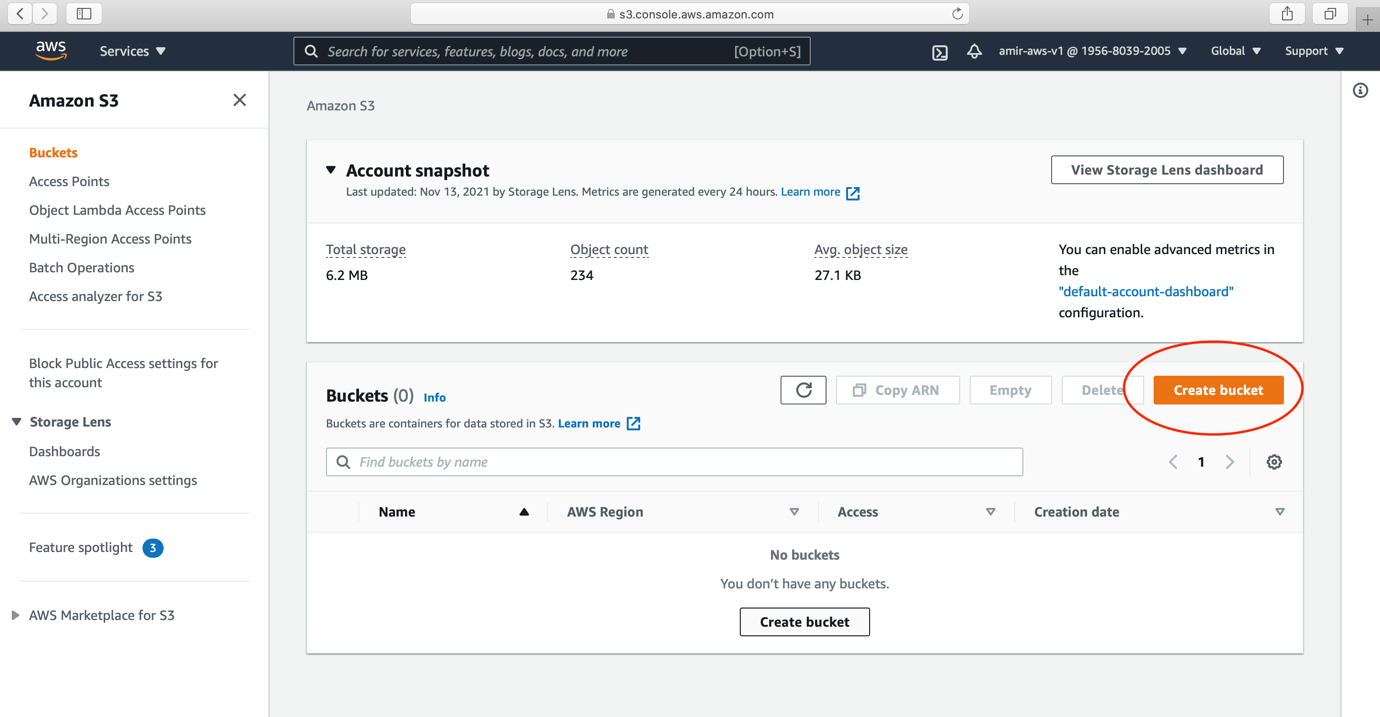
Express to AWS S3

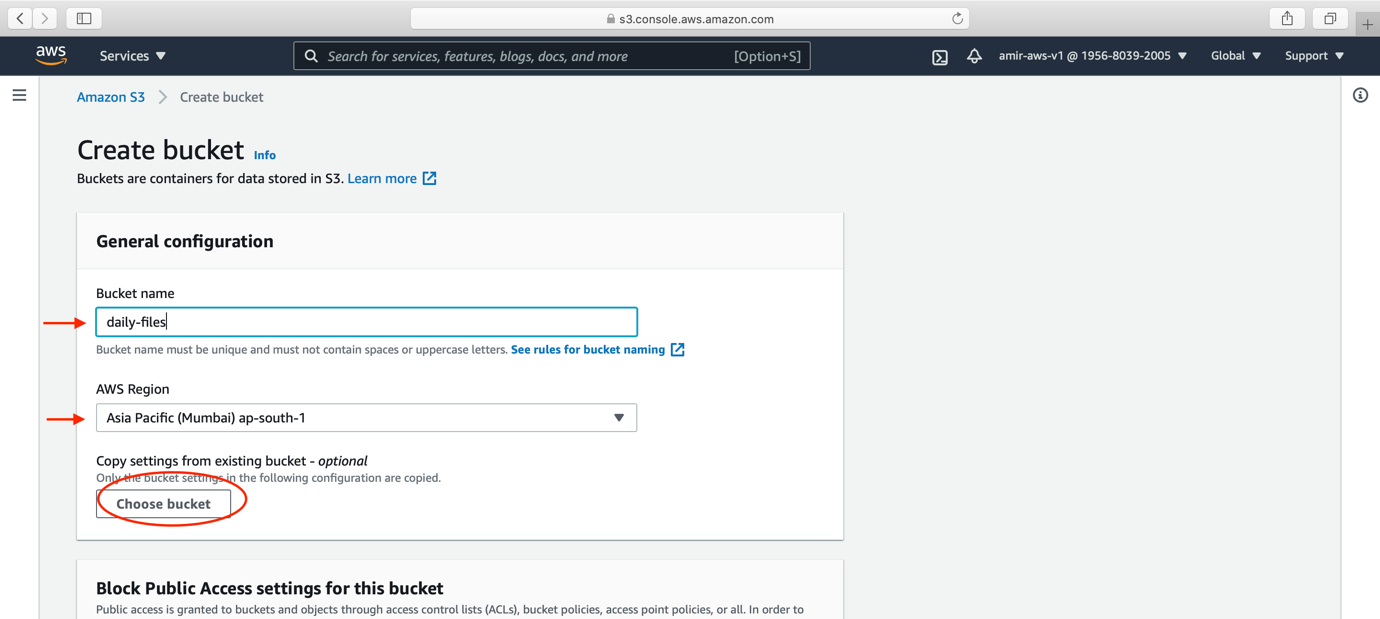
🡪 For this we will use Express JS and store in node using multer

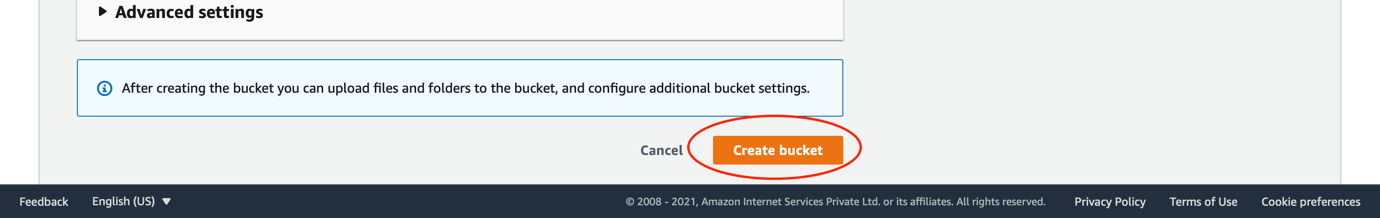
🡪 Data goes from frontend to backend using multer

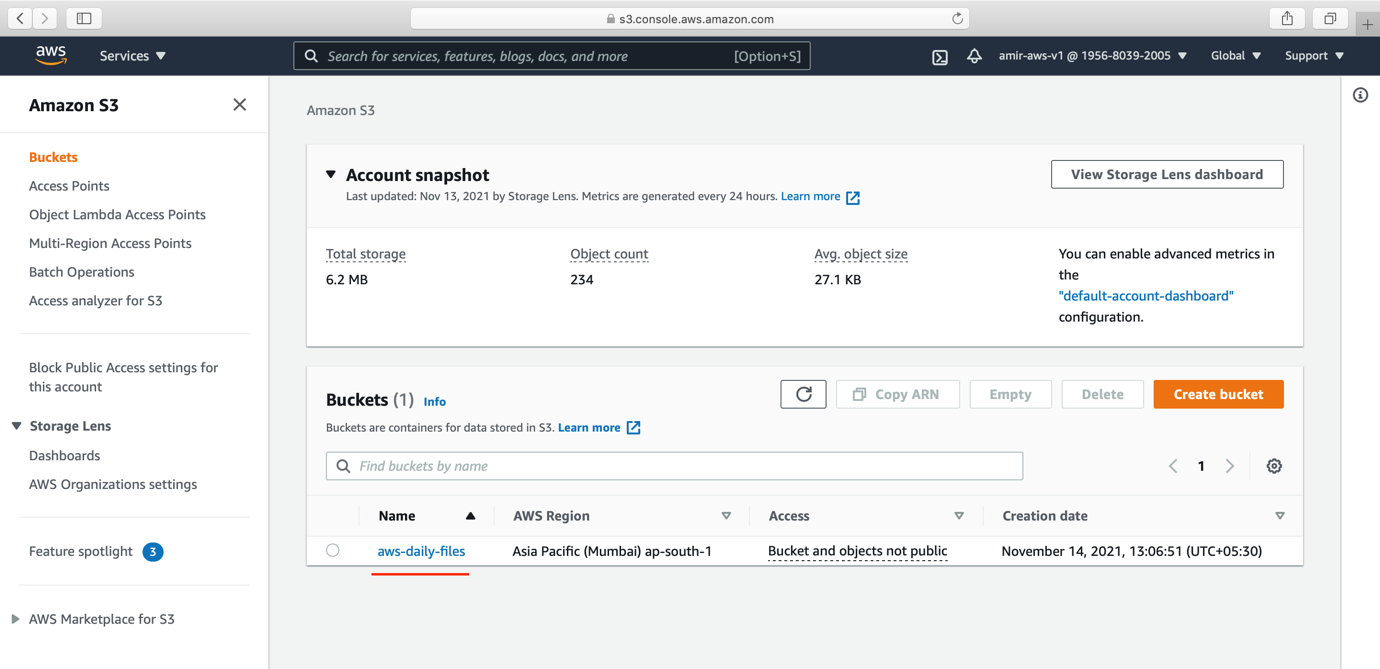
🡪 Next step is to create the S3 bucker









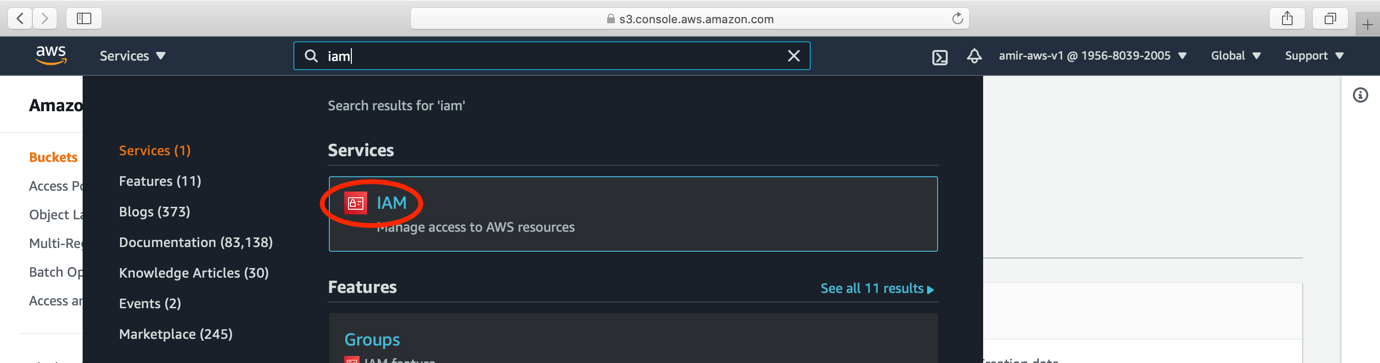


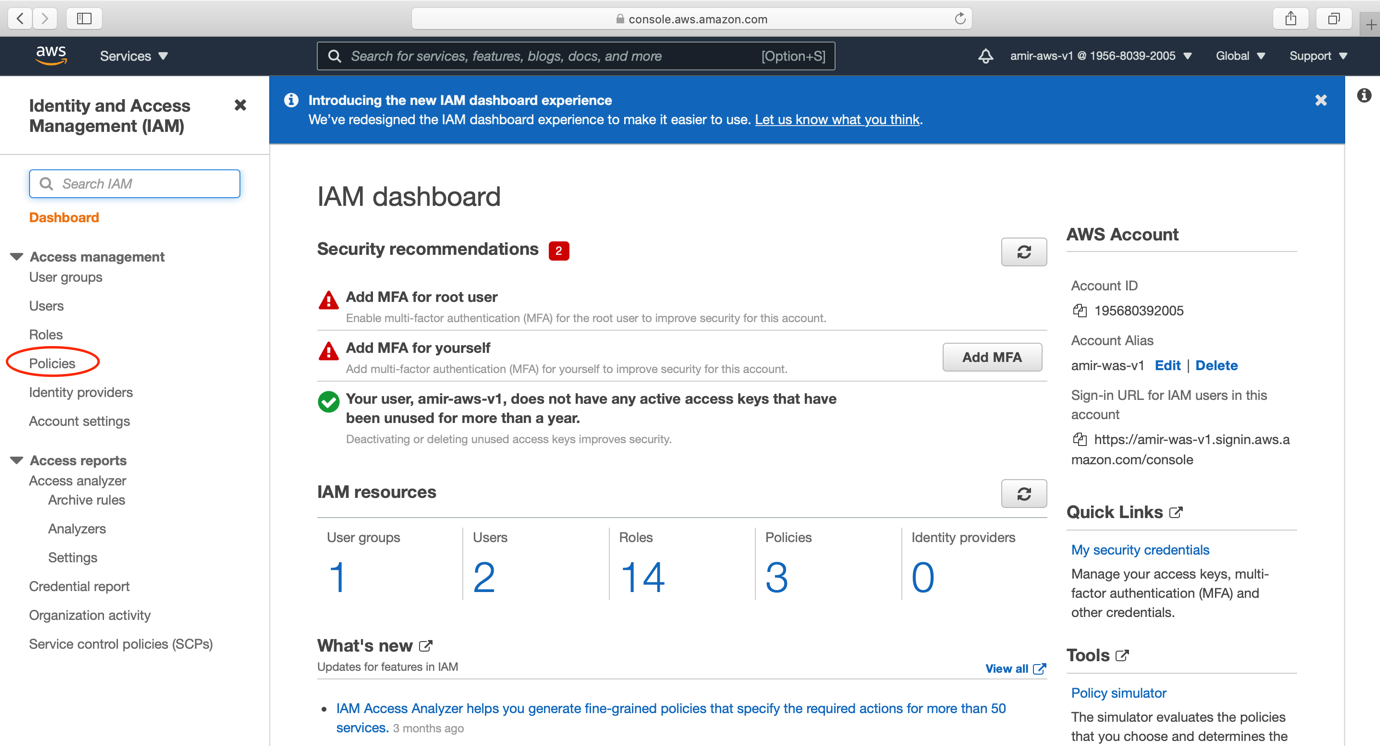


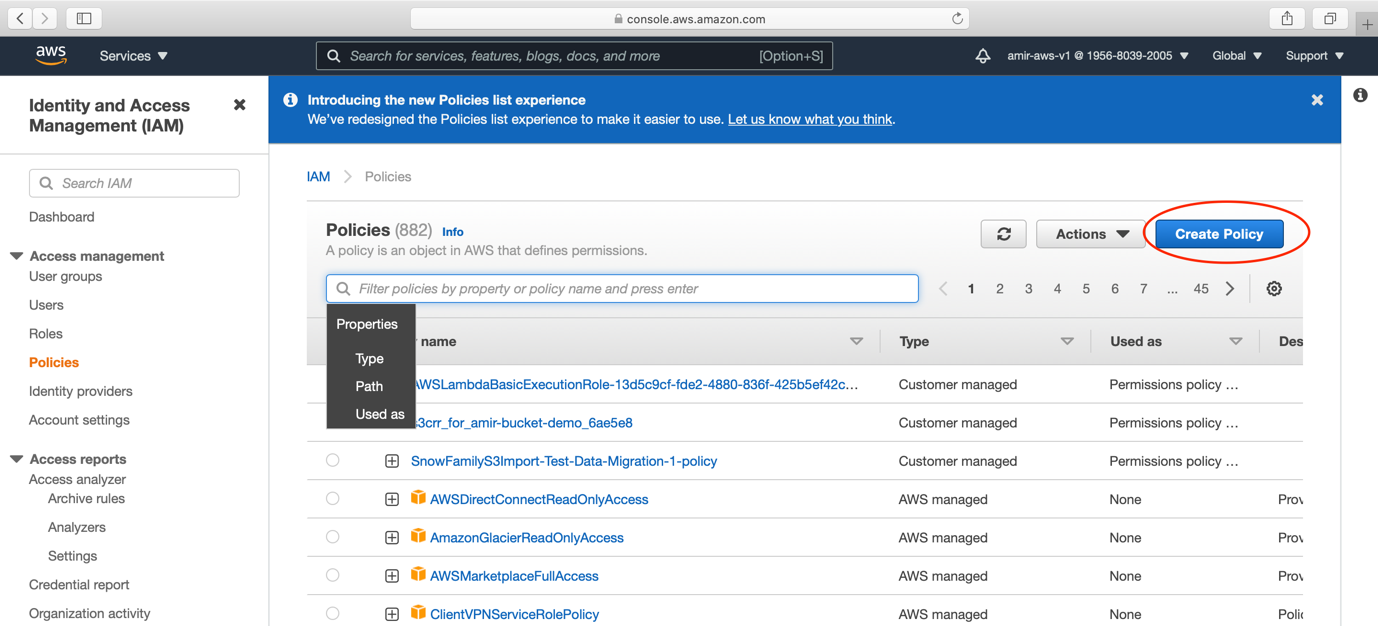
🡪 As I am the creater of this S3 bucket, I can read, write, delete and update from console. If we want to do from express server. We need to give some permissions using IAM policies.

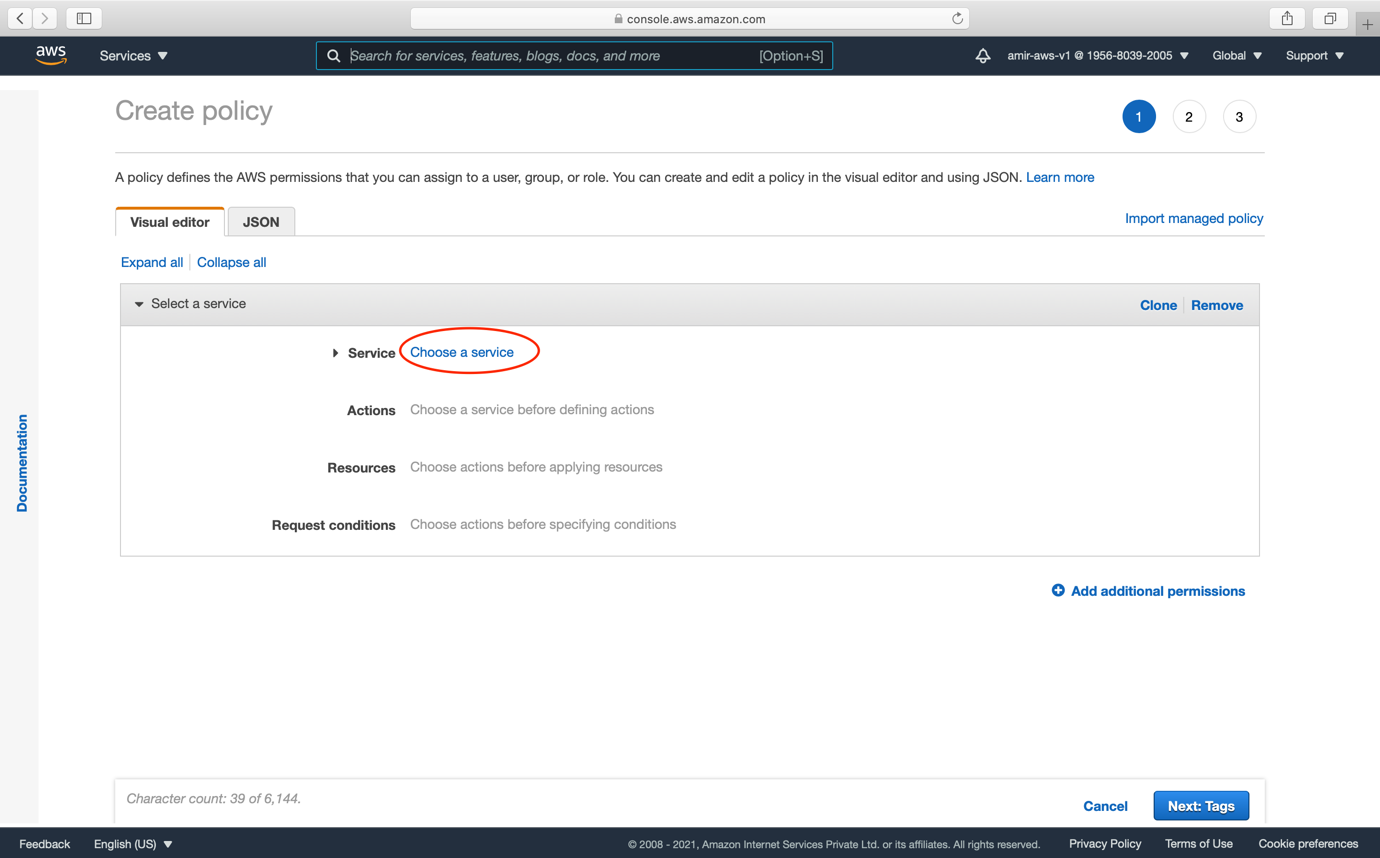
🡪 The next step is to configure IAM policies

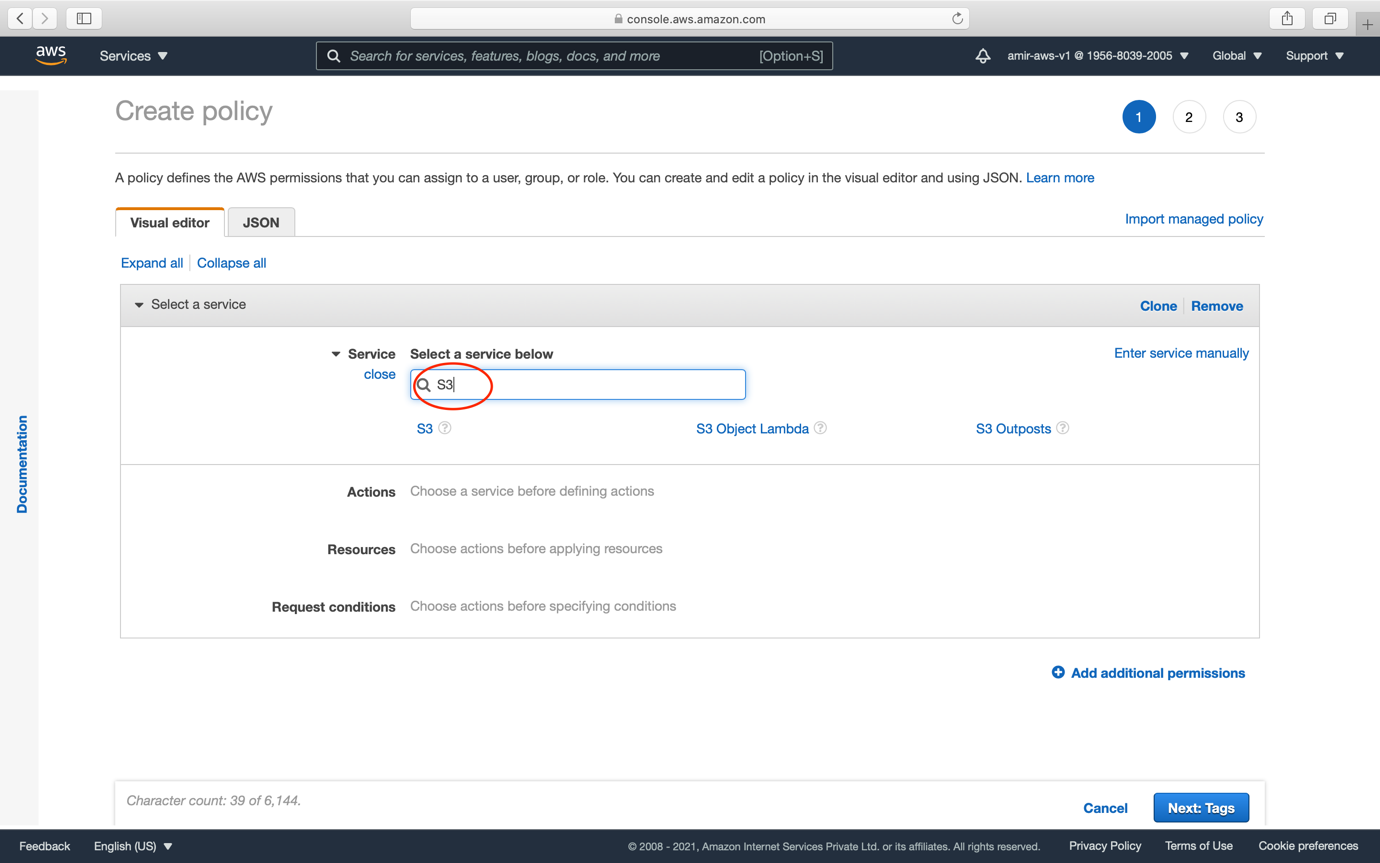
🡪 Open IAM service and follow below steps









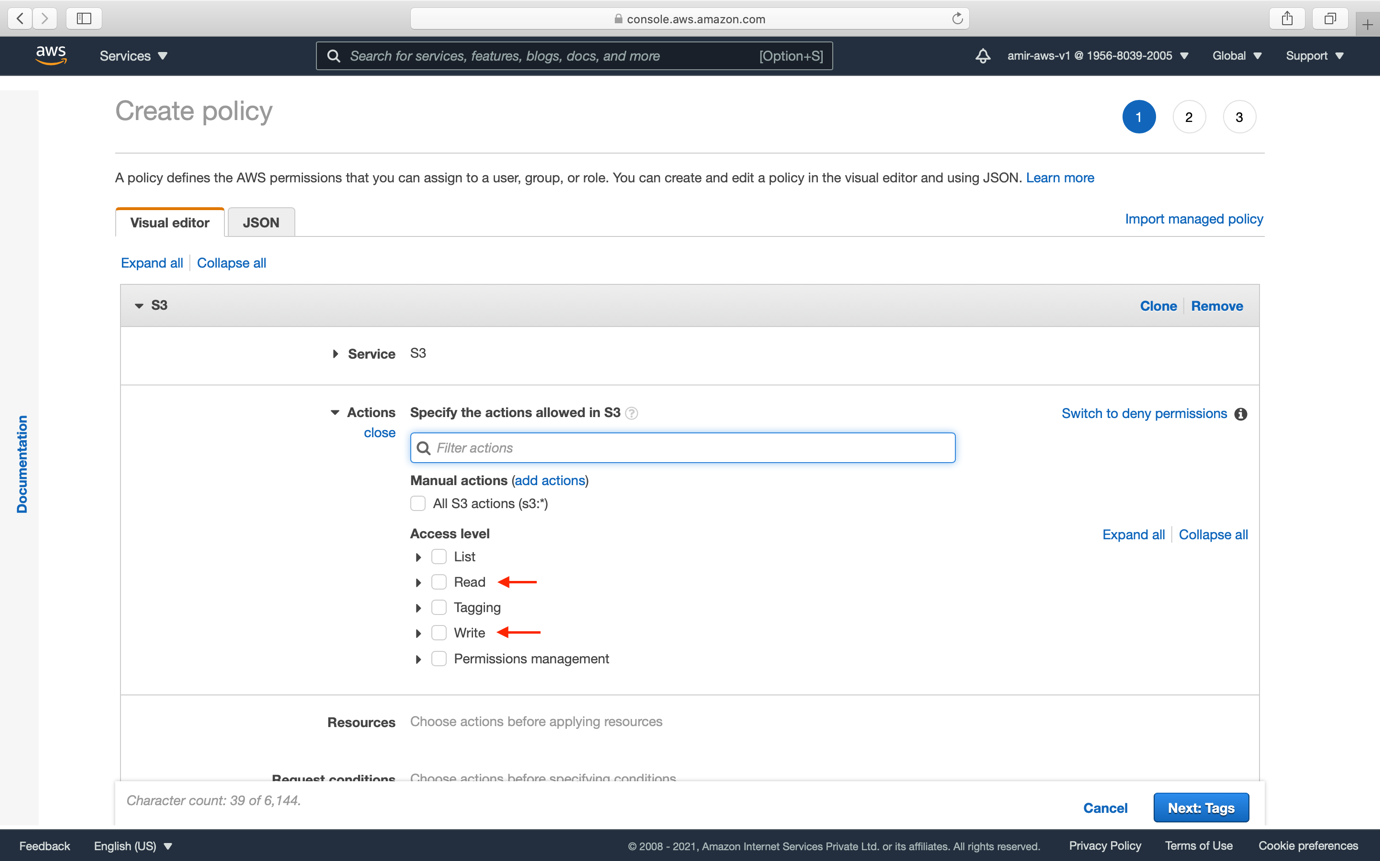


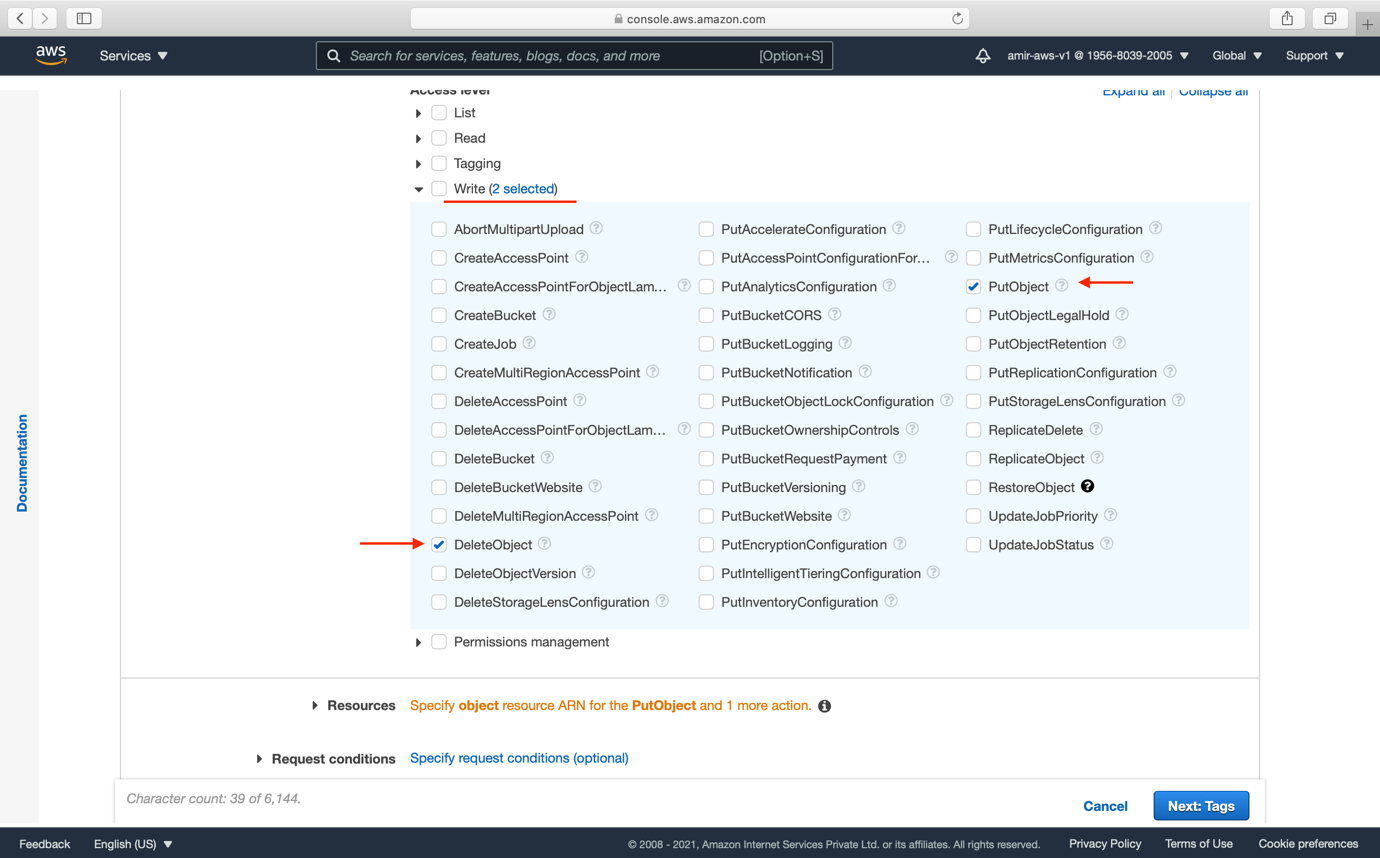
🡪 Here will add permissions:

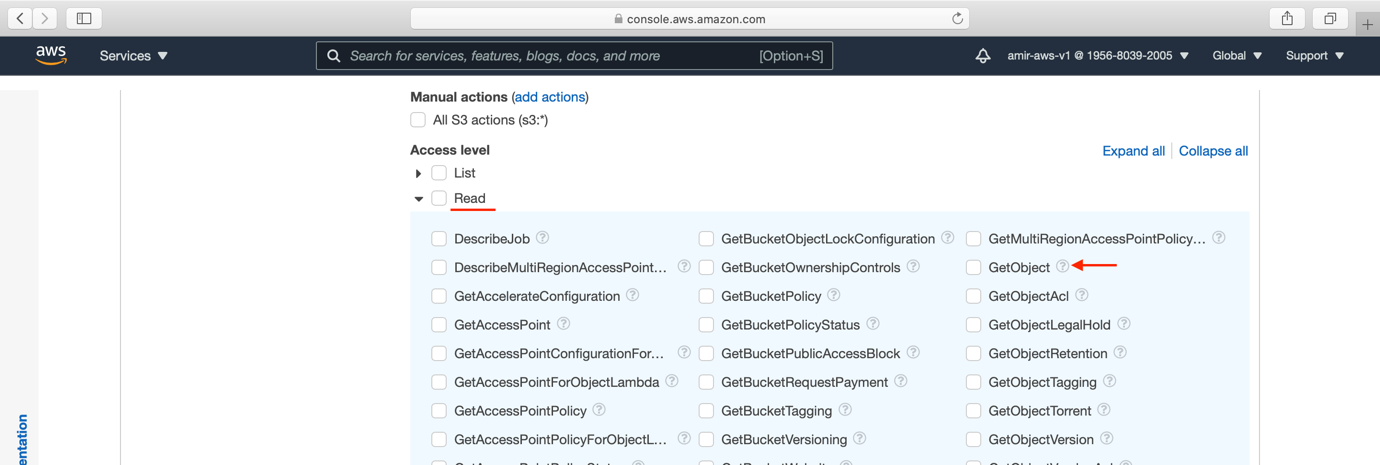
getObject – reading from S3

putObject – writing to S3

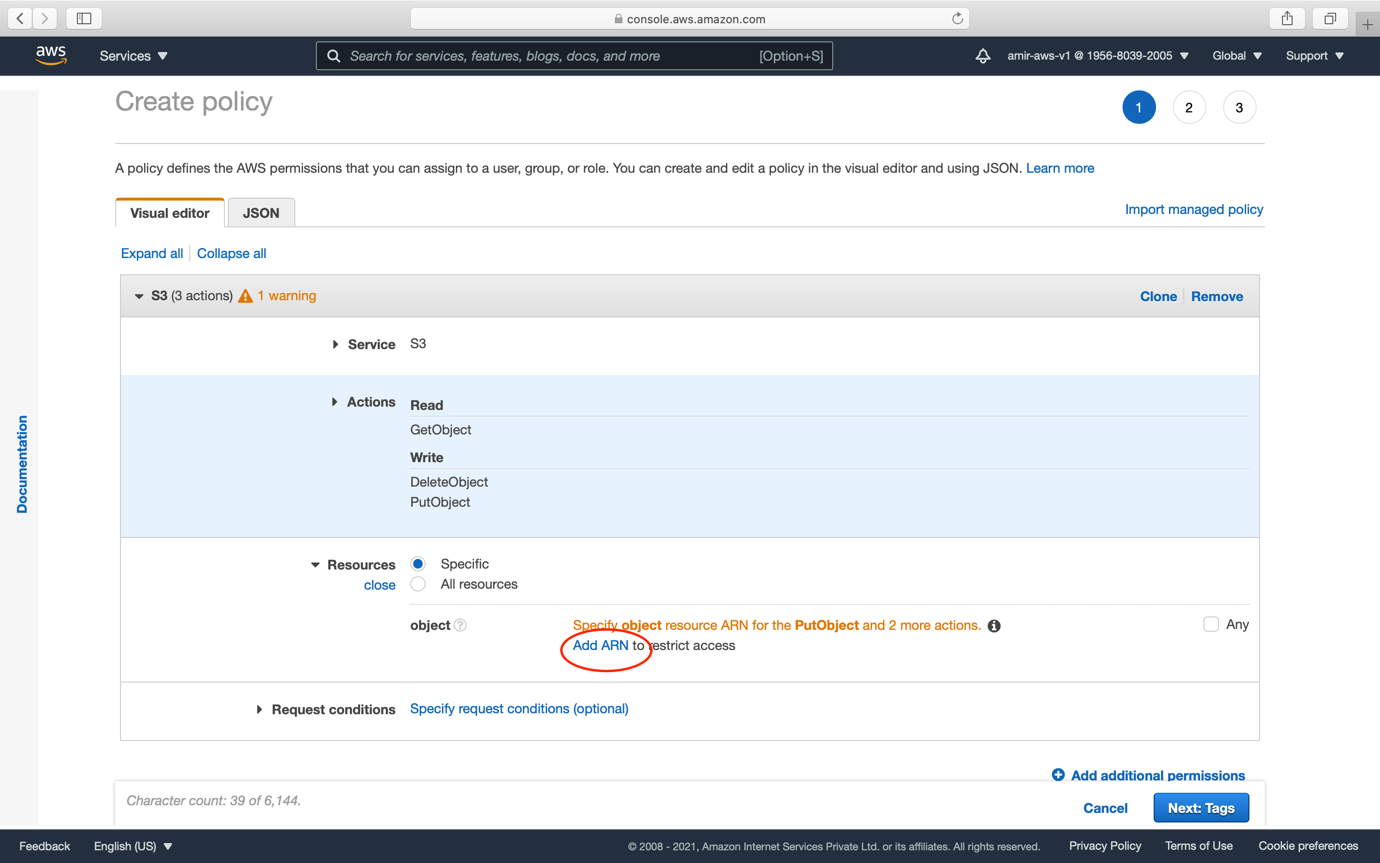
deleteObject – delete from S3

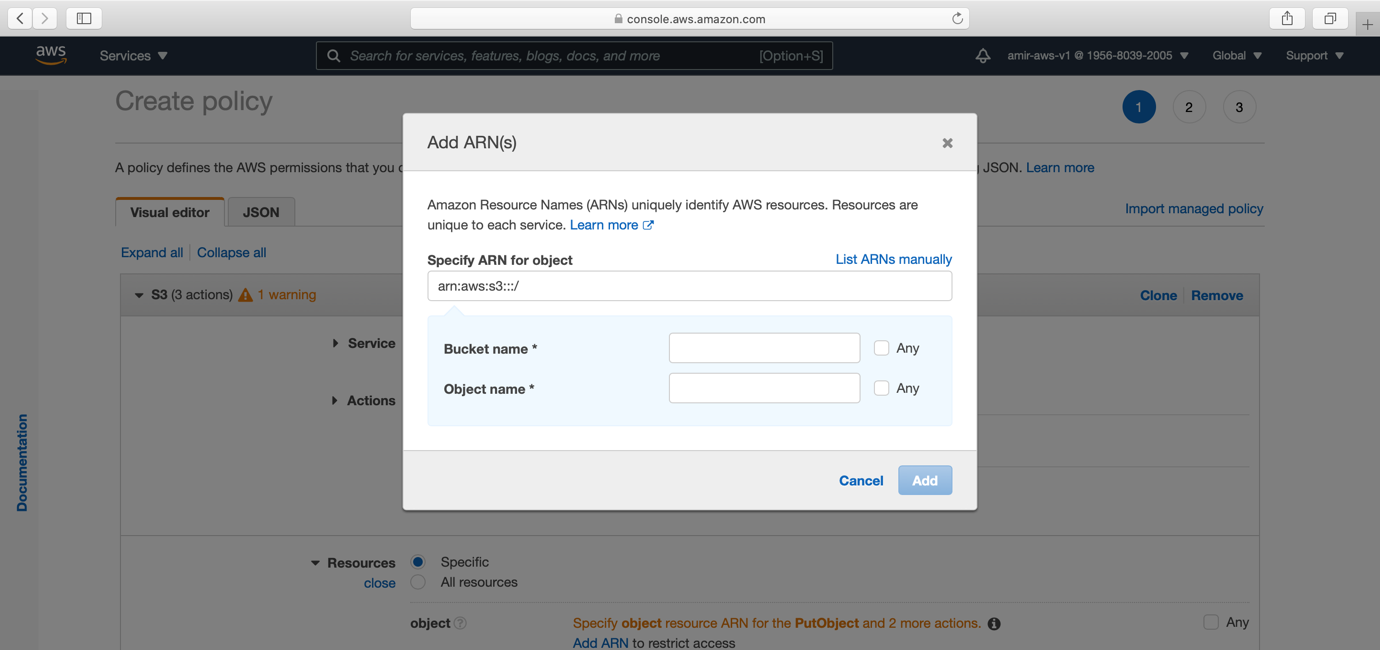


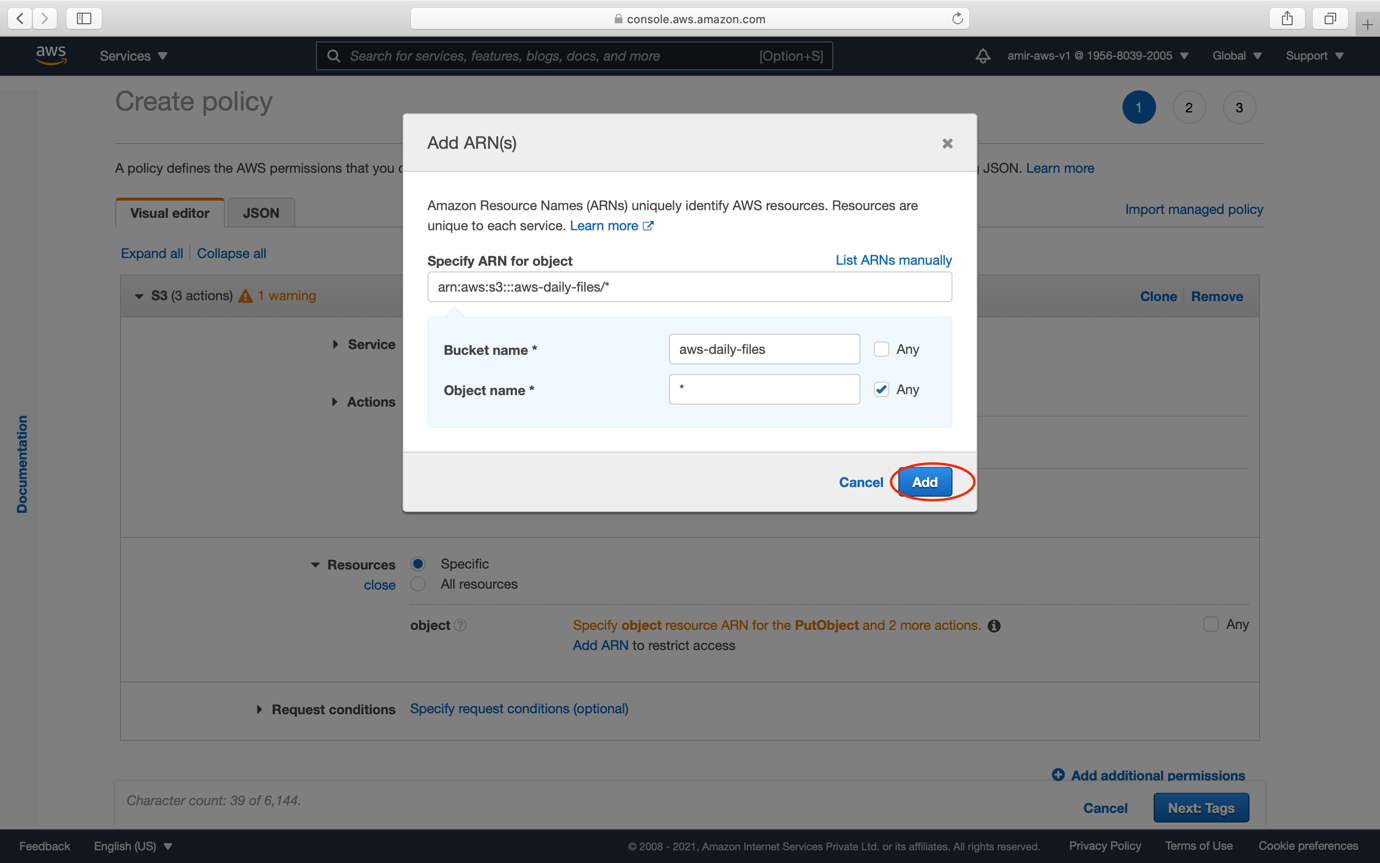


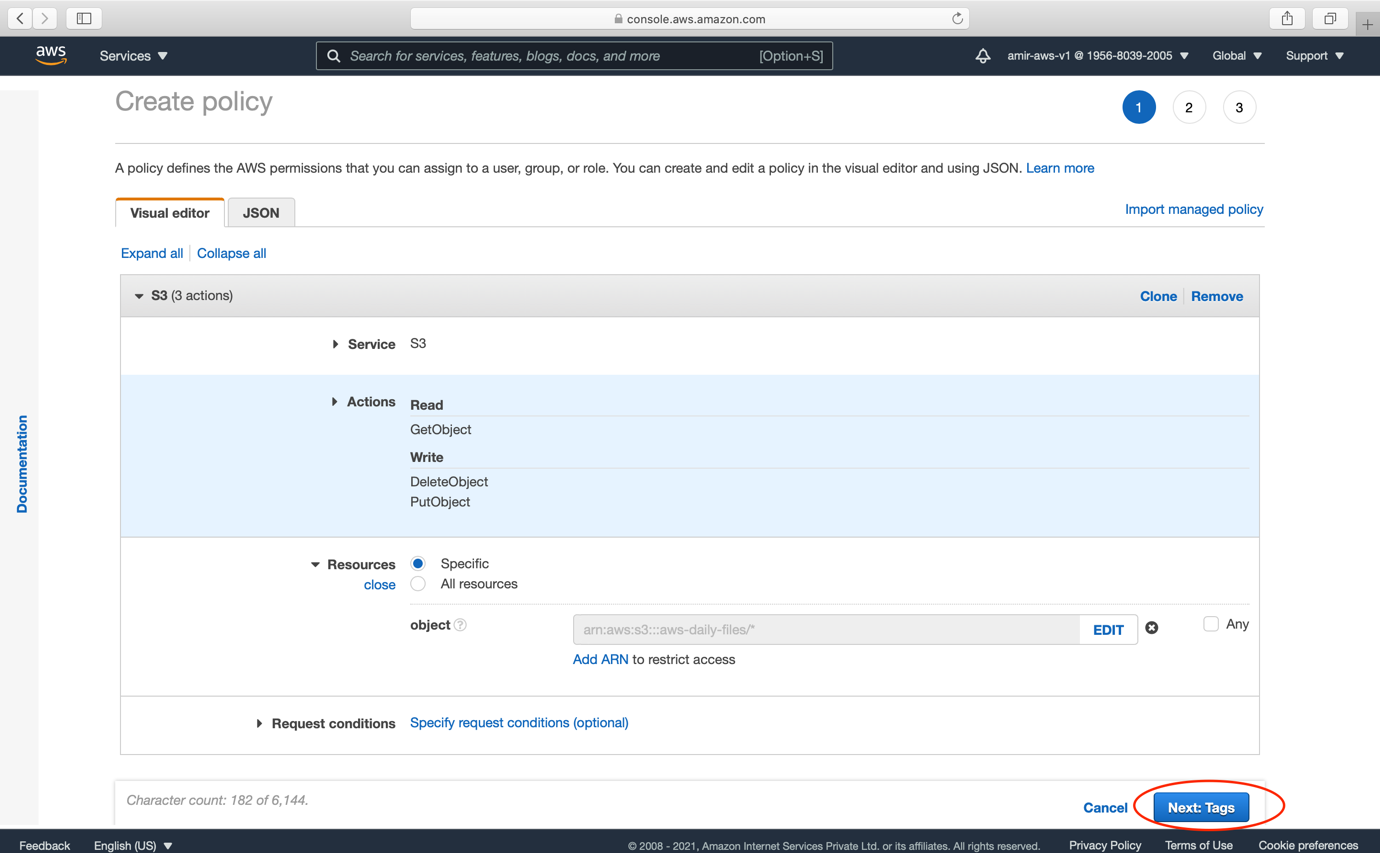


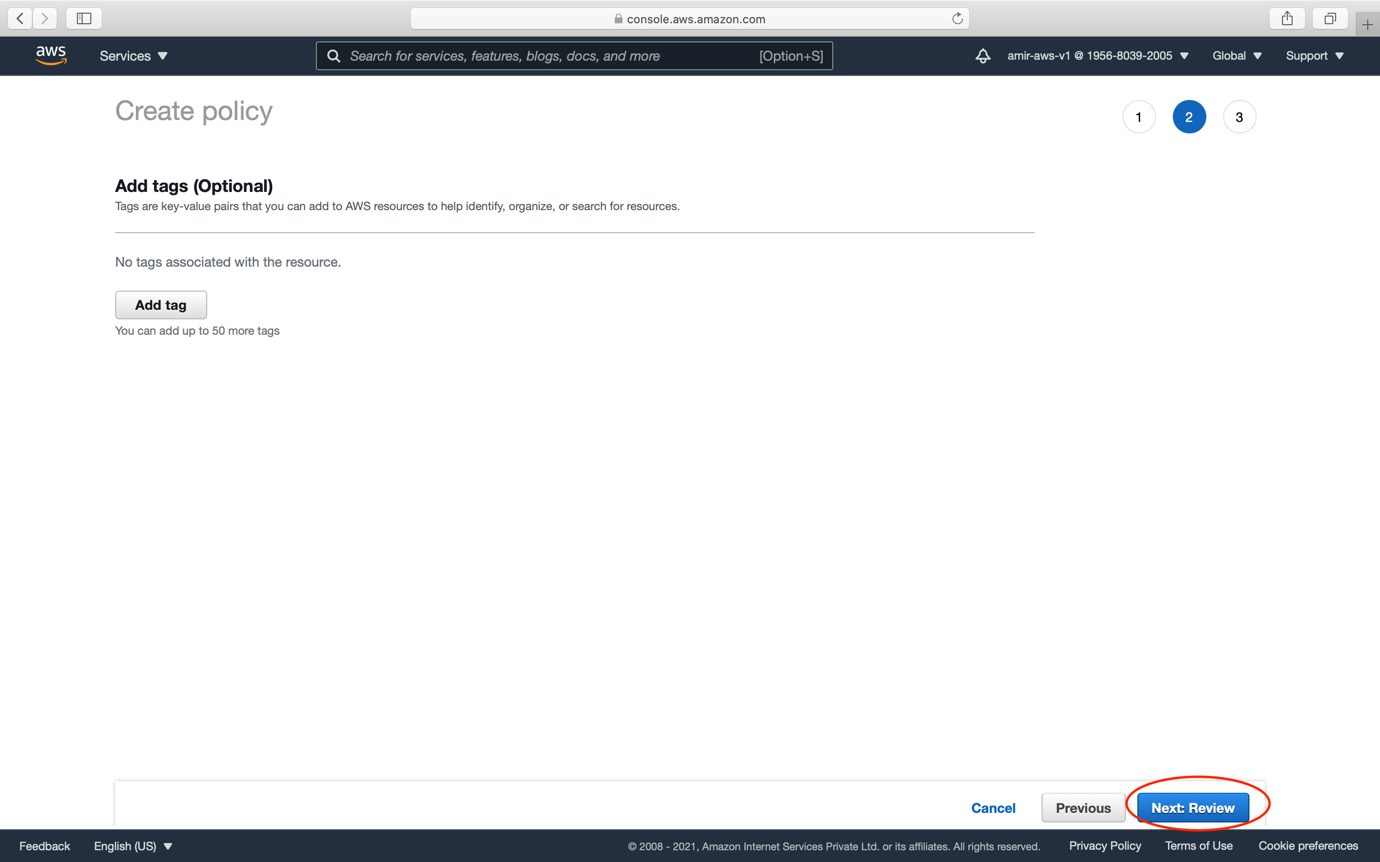
🡪 The next step is to add ARN. This means the bucket to which we want to add permissions. If not given will be added to all buckets which is not right

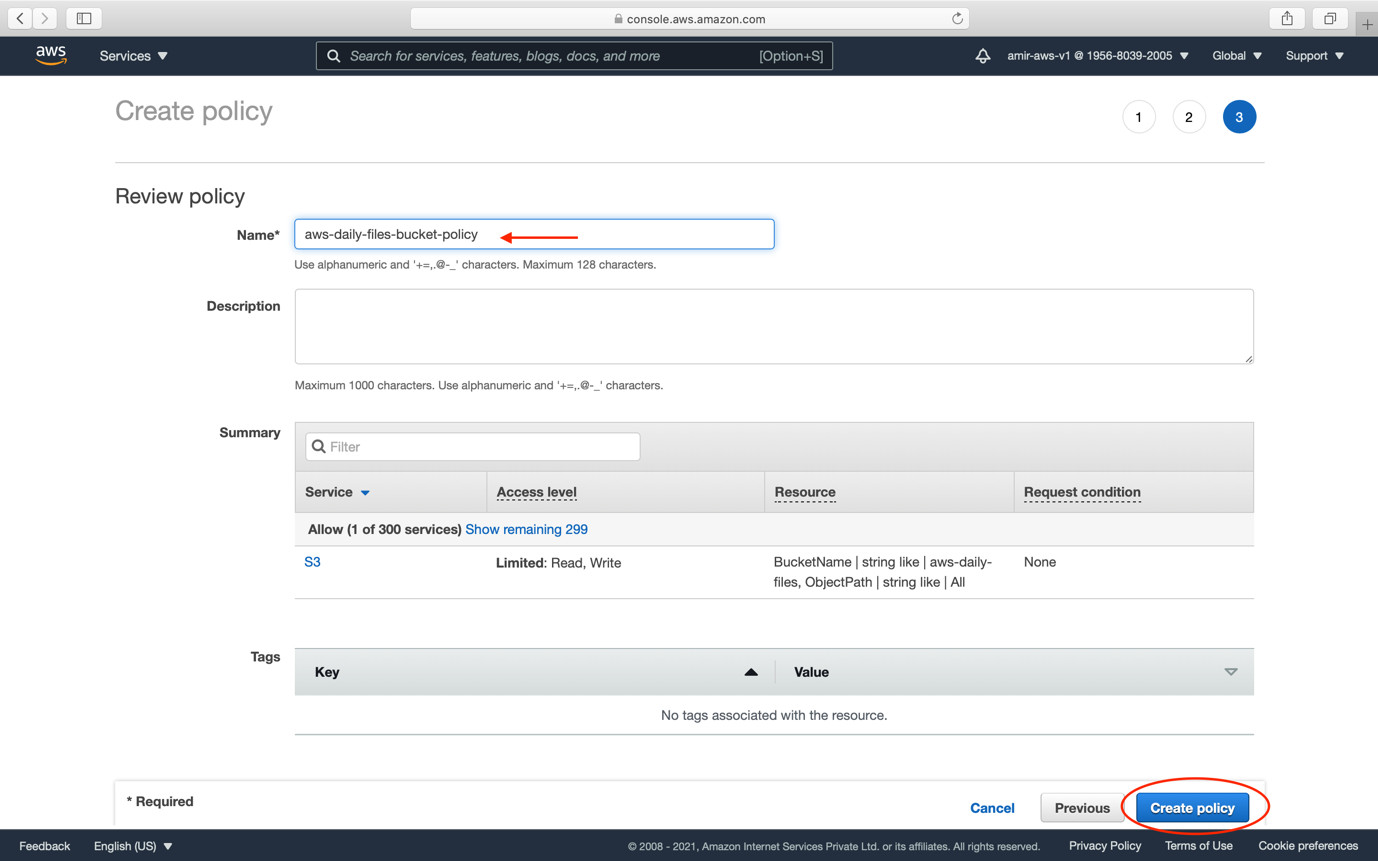






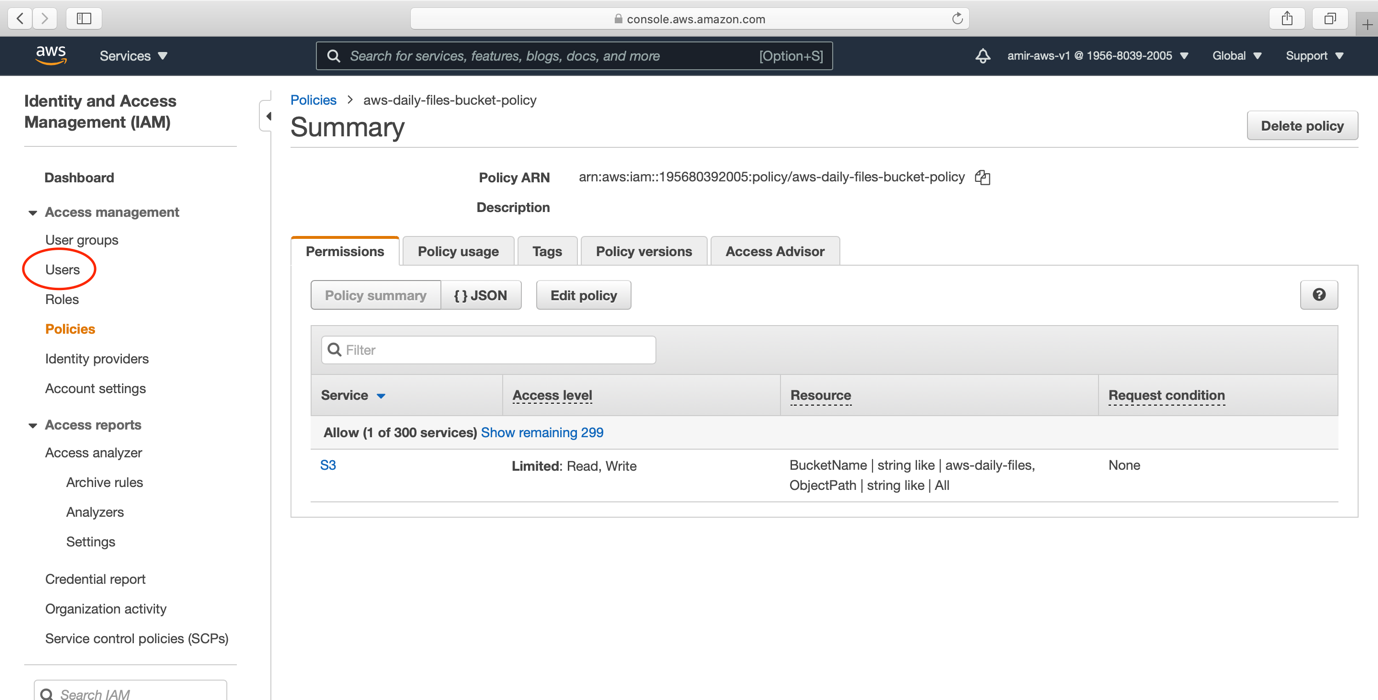


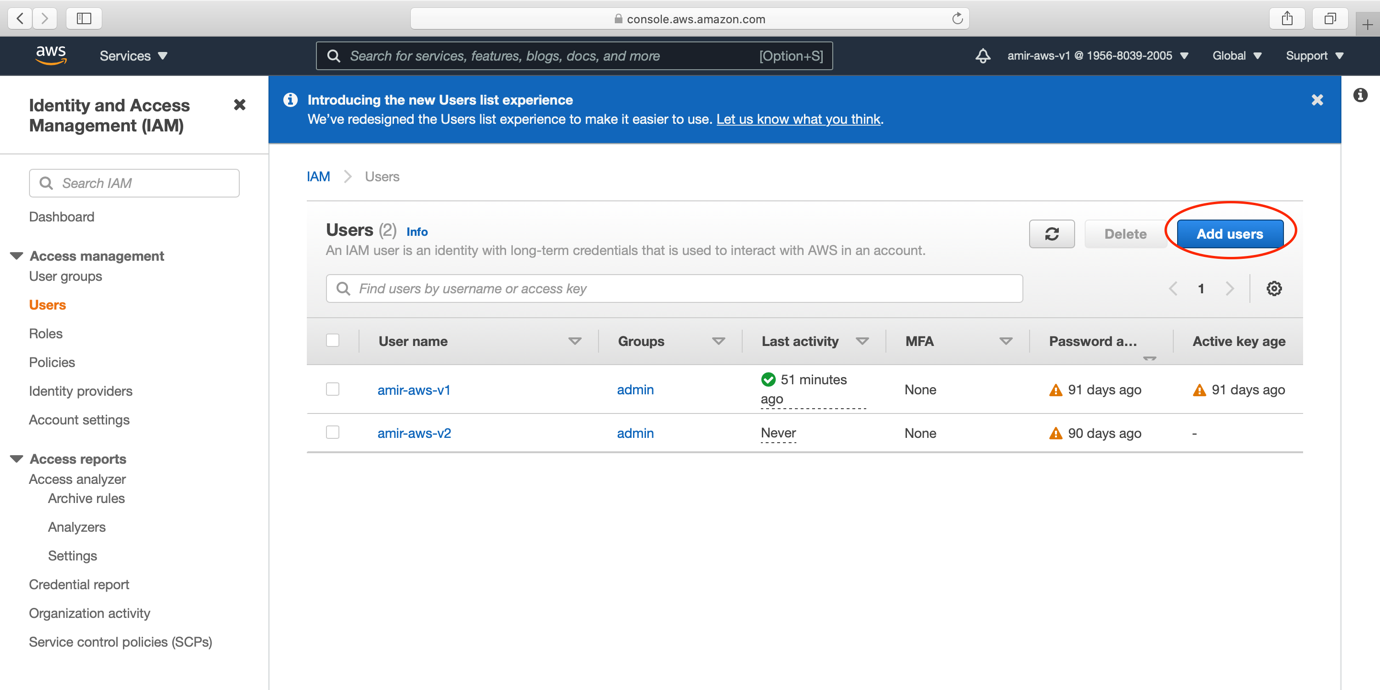


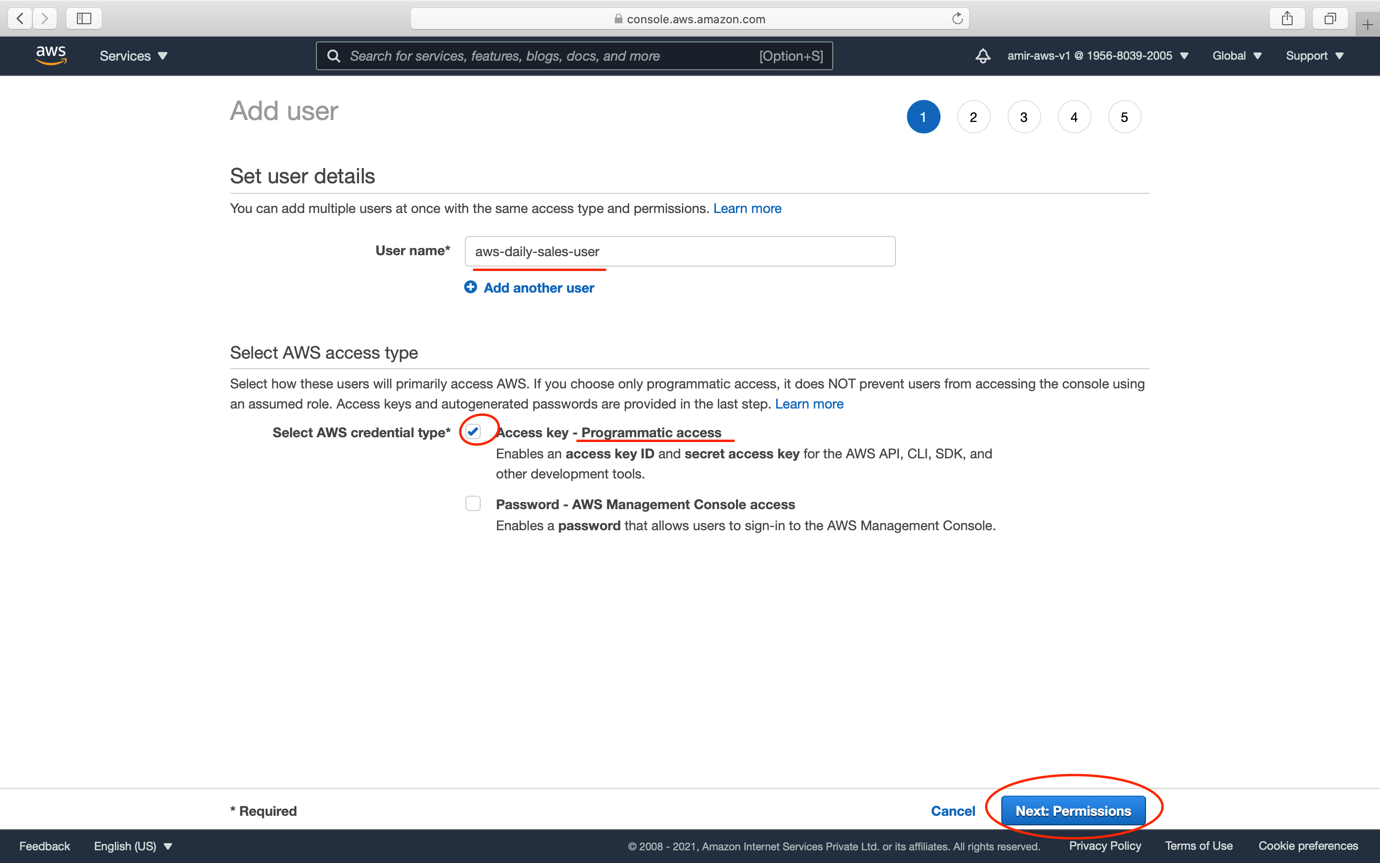




🡪 The next step is to assign this IAM policy to the user or express app which will use it

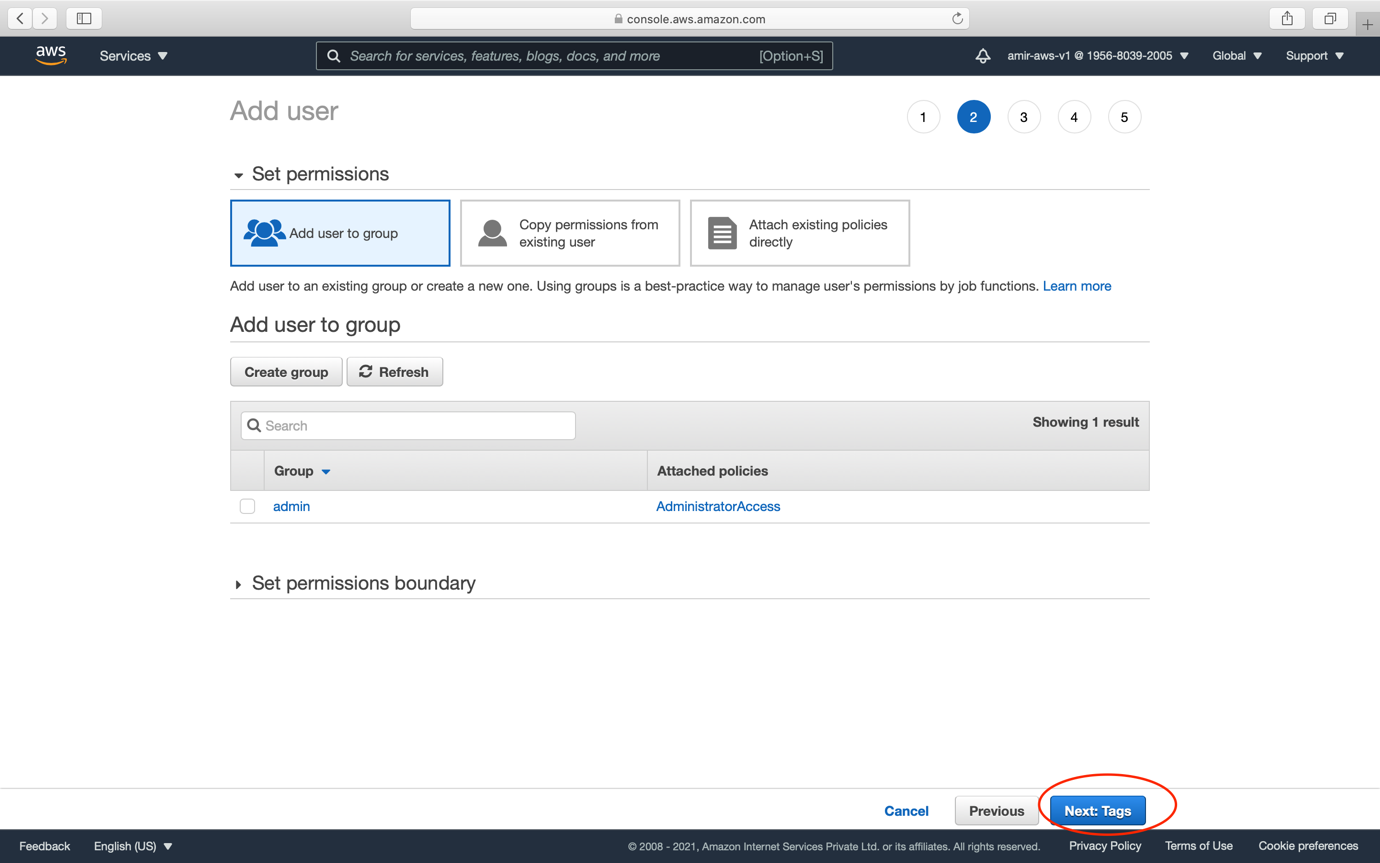


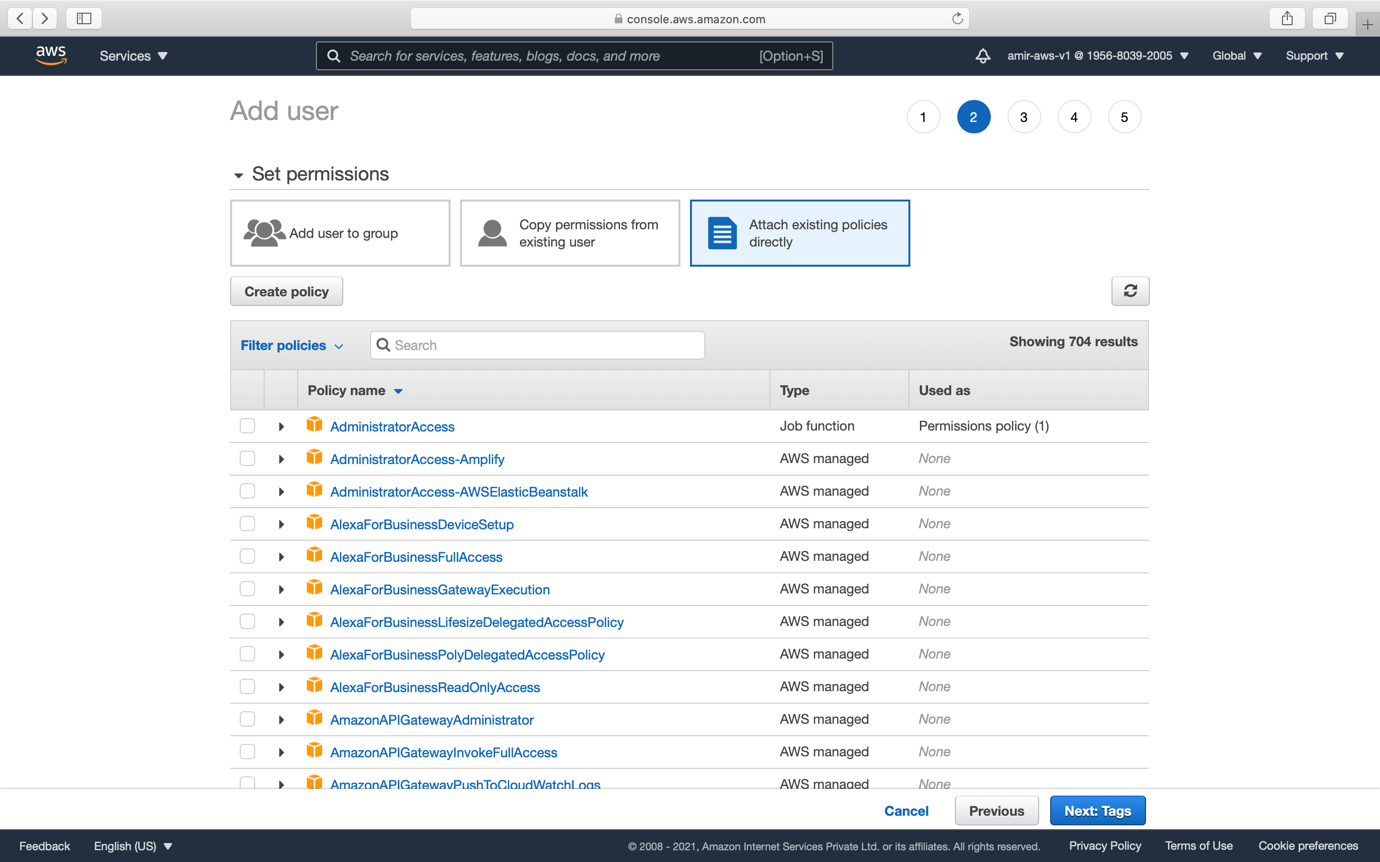


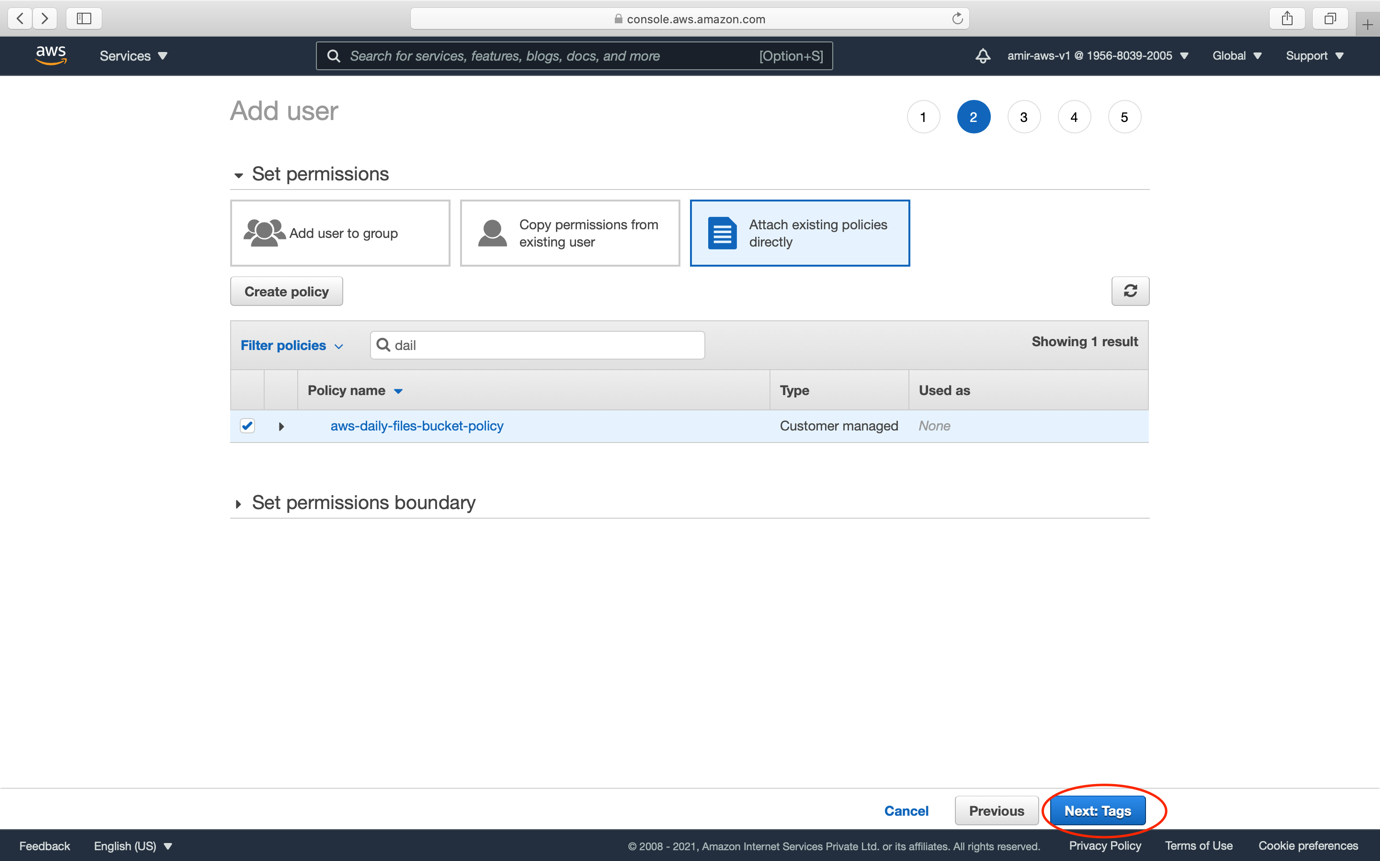


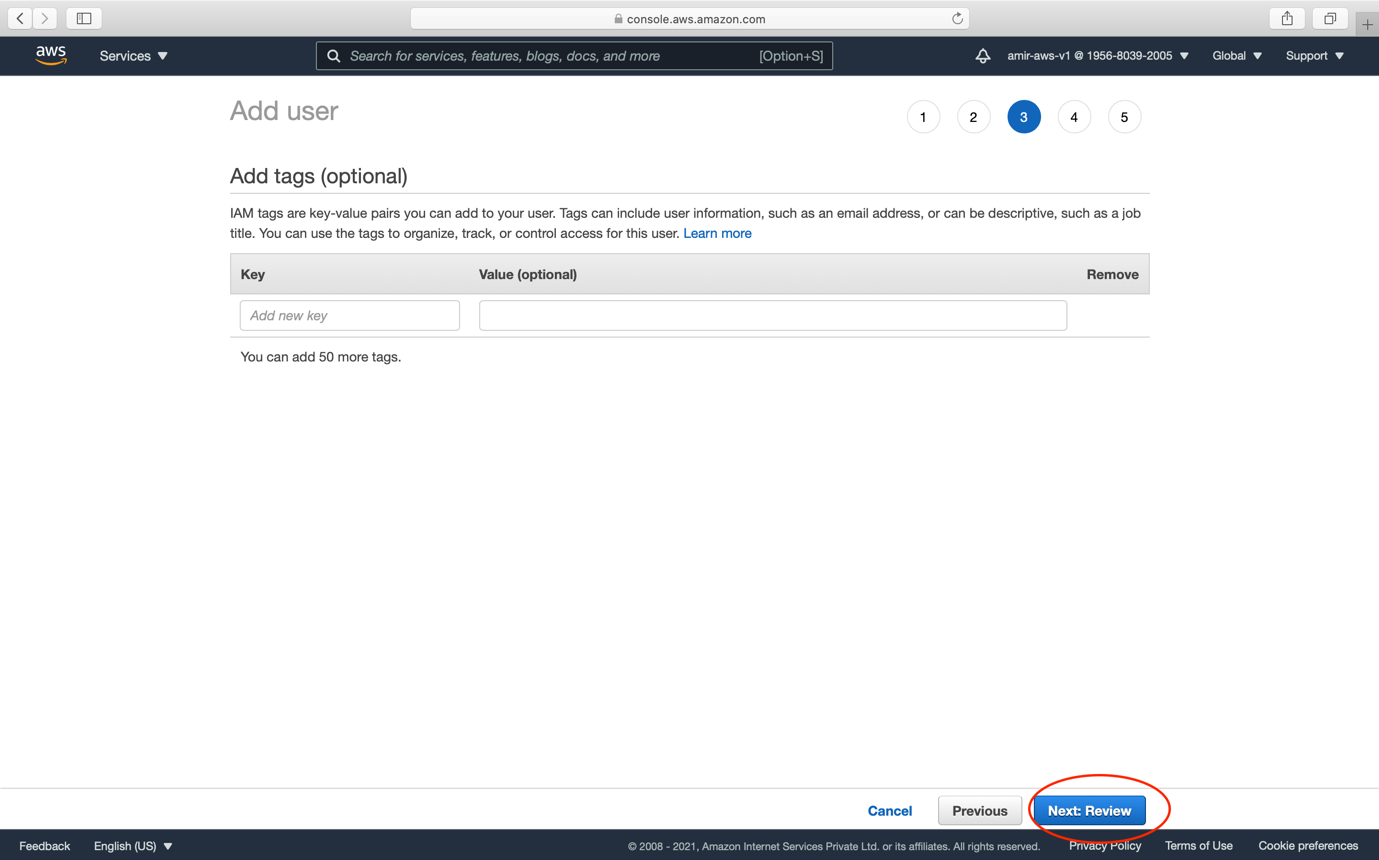
Giving a programmatic access means a code/server is the user which will access it. For our case Node.js app

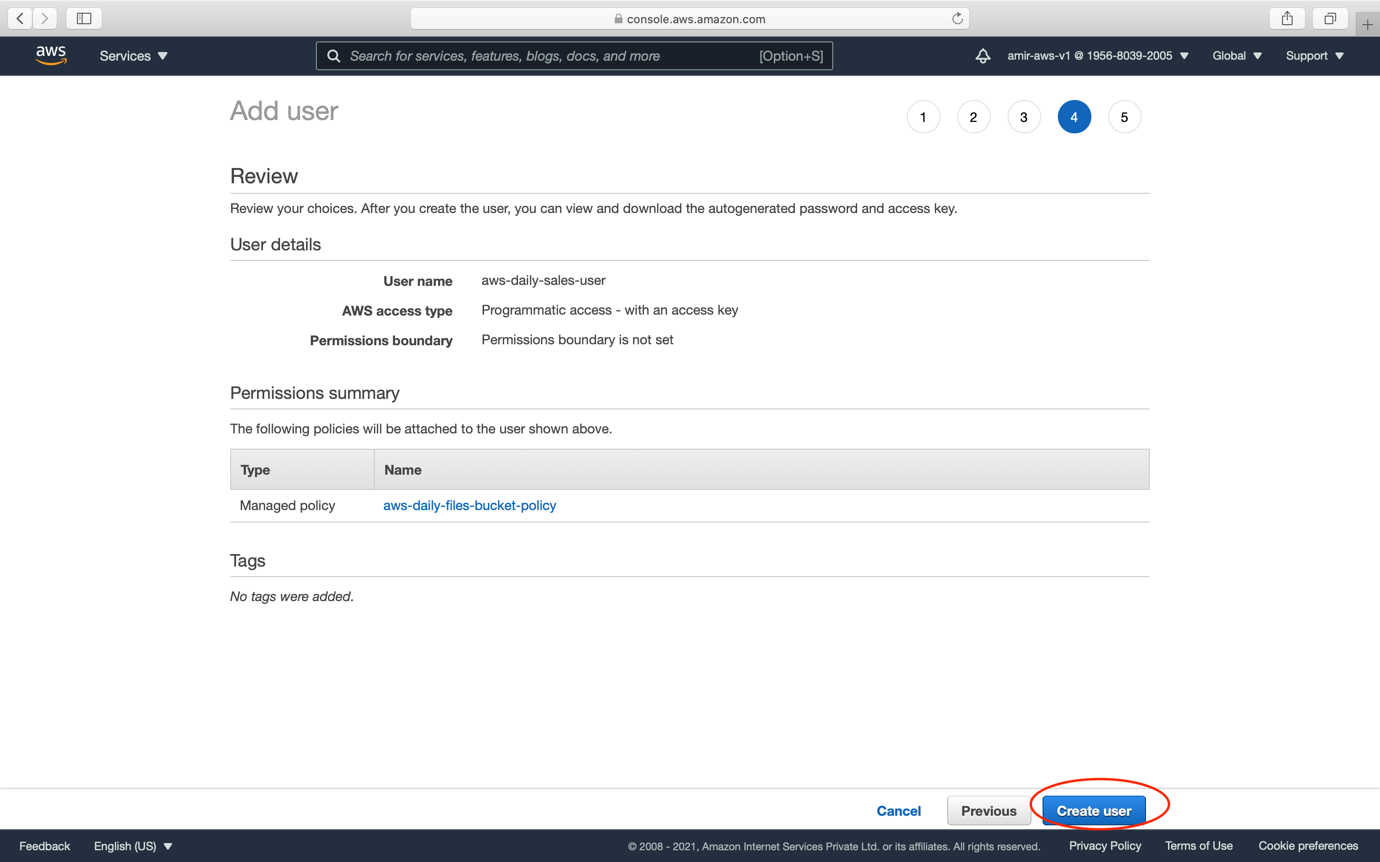
🡪 In the end we will get APP id and SECRET KEY to use in JS app as shown below:

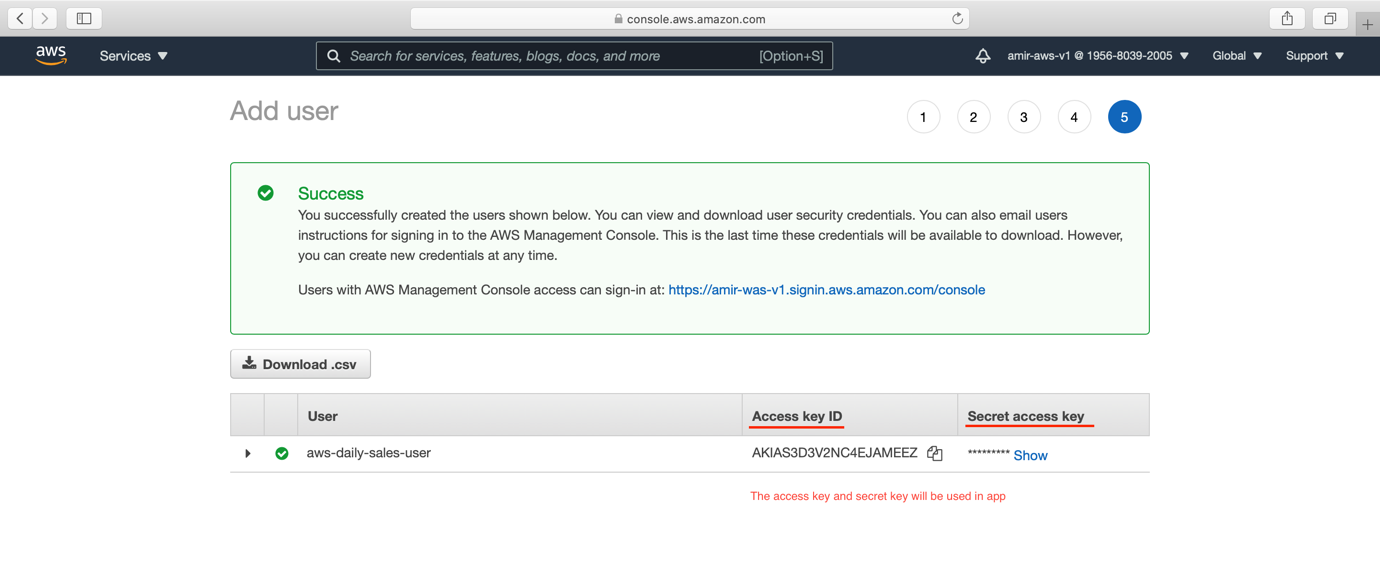




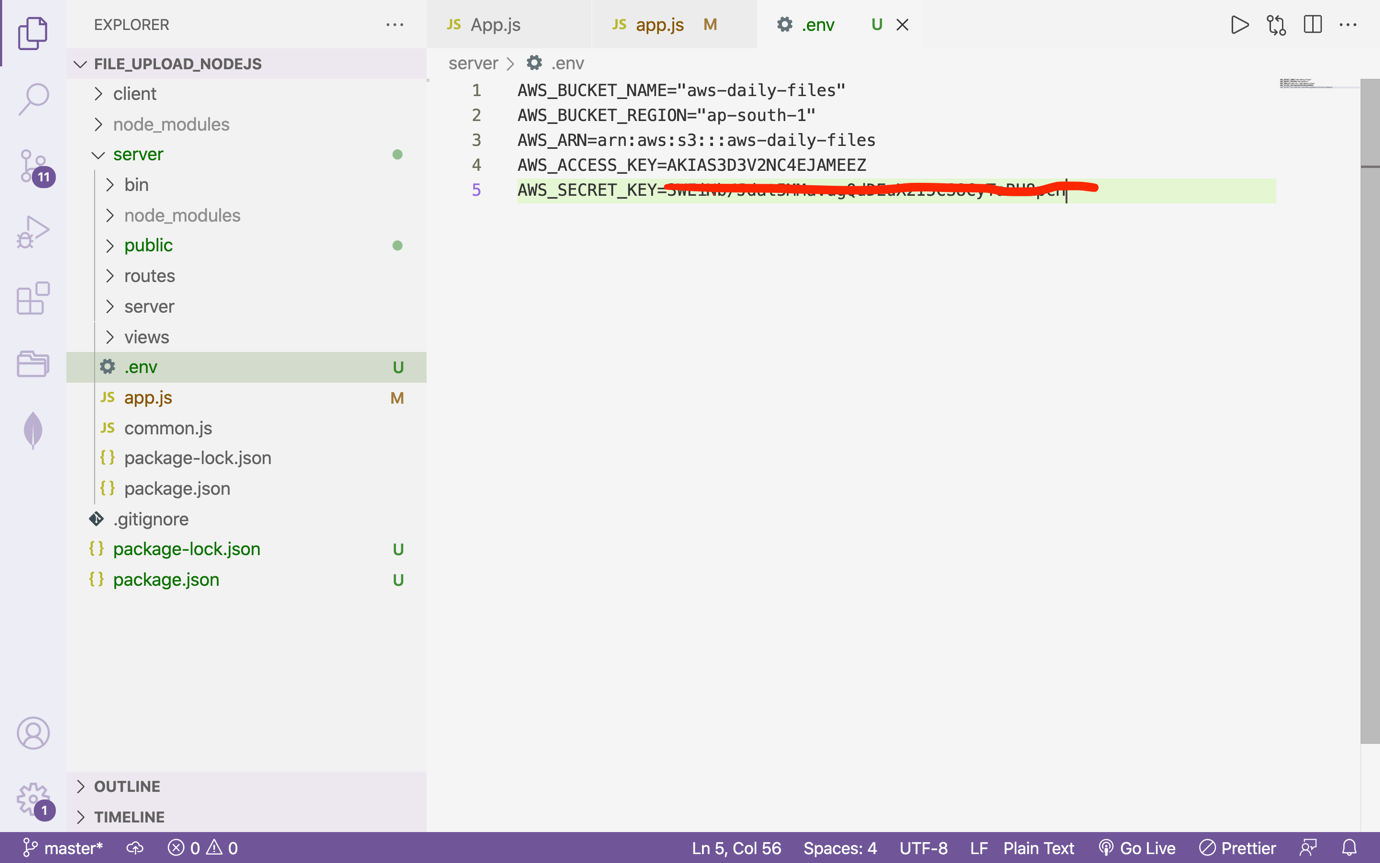








🡪 We get access key and secret key. So this user is code which has access to these two details



🡪 All we now have to do is to write some javascript code to push file in S3

--.

