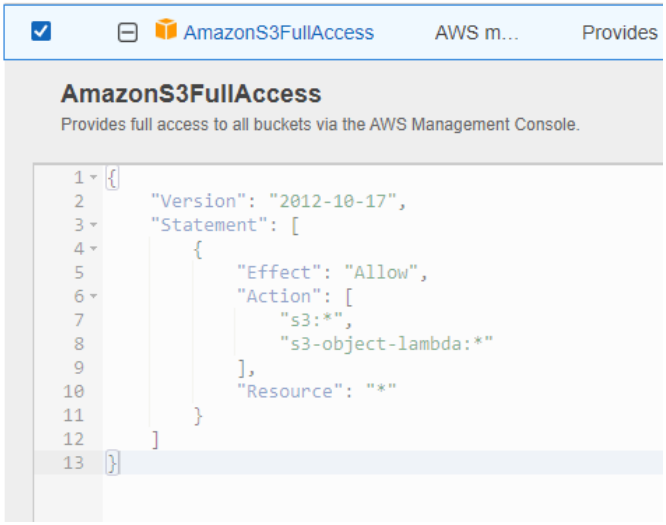
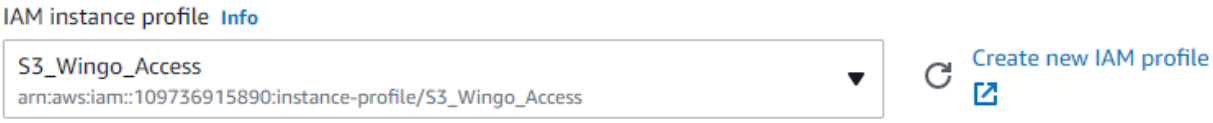
EC2 Creating Roles_S3 Buckets_Command Line

1. Go into IAM > Roles > Create Role
2. Once there you click on AWS service > And select EC2 > Next
3. In the search/filter bar type in S3 and press enter
4. You then want to go in and select AmazonS3FullAccess



5. Once you click next advance over to the role name. Here you will input what you desire. I am putting S3_Wingo_Access
6. Once that is created, you then want to go over to your EC2 > Launch Instance
7. You then want to find "IAM Instance profile" and select the one you created from step 5



8. Storage can be default, as well as tags
9. For security groups I have selected the DMZ-Web (Made this in "Bootstrap Scripts")
10. And using my existing key pair
11. Once the instance is up and running connect to it using the EC2 Instance connect
12. First command you would want to type in would be ssh ec2-user@44.208.29.103 -i CamBSS.pem
    a. Most cases you may already be ssh in, that is just in case you're not.
13. So typing in aws s3 ls should show you the current S3 bucket. In this case I currently do not have any created.
14. So we go ahead and create one by typing in aws s3 mb s3://awswingo12

```
[ec2-user@ip-172-31-88-58 ~]$ aws s3 ls
[ec2-user@ip-172-31-88-58 ~]$ aws s3 mb s3://awswingo12
make_bucket: awswingo12
[ec2-user@ip-172-31-88-58 ~]$ aws s3 ls
2022-07-31 22:04:14 awswingo12
[ec2-user@ip-172-31-88-58 ~]$
```

15. Since we now see the bucket we can say echo “Hello World” > awswingo.txt
    a. This creates a txt file saying hello world
16. To verify it works type in cat awswingo.txt

```
[ec2-user@ip-172-31-88-58 ~]$ echo "Hello World" > awswingo.txt
[ec2-user@ip-172-31-88-58 ~]$ ls
awswingo.txt
[ec2-user@ip-172-31-88-58 ~]$ cat awswingo.txt
Hello World
[ec2-user@ip-172-31-88-58 ~]$
```

17. So now we want to copy that txt file into the S3 bucket we created.
18. Type in aws s3 cp awswingo.txt s3://awswingo12

```
[ec2-user@ip-172-31-88-58 ~]$ aws s3 cp awswingo.txt s3://awswingo12
upload: ./awswingo.txt to s3://awswingo12/awswingo.txt
[ec2-user@ip-172-31-88-58 ~]$
```

19. To verify this works, we will need to go into the S3 services and you should see the bucket we created in the command line along with the text file.