**My Drive Implementation (IAM)**
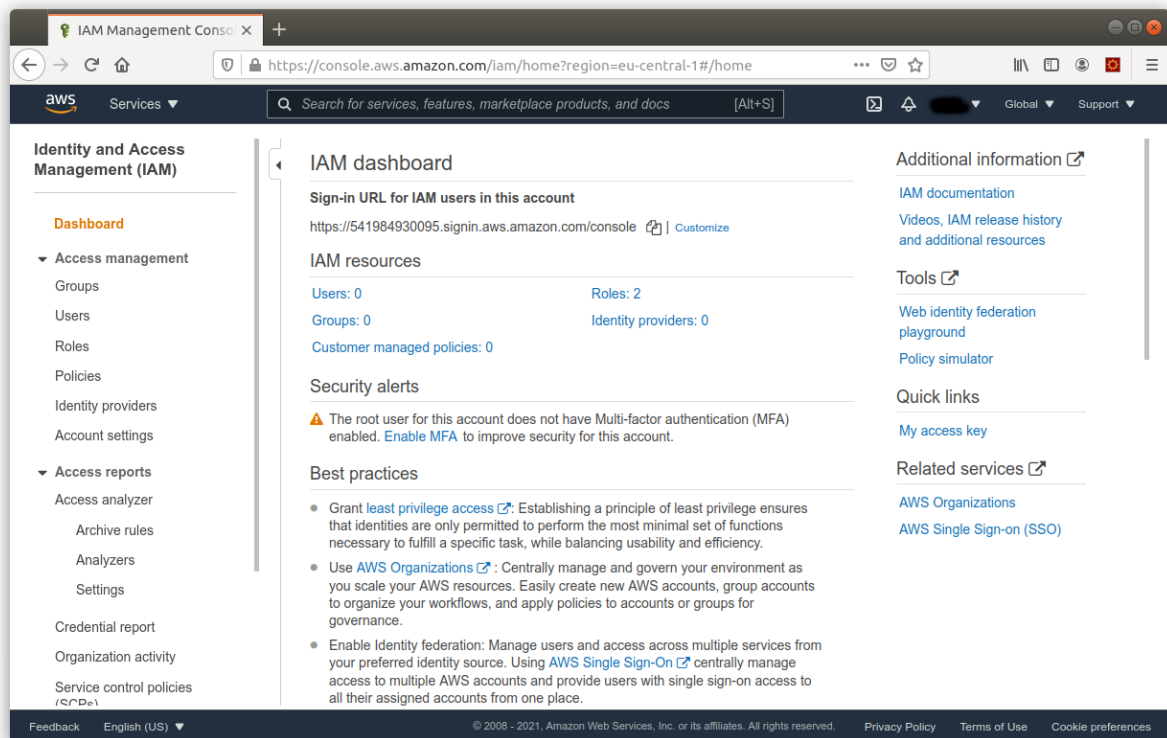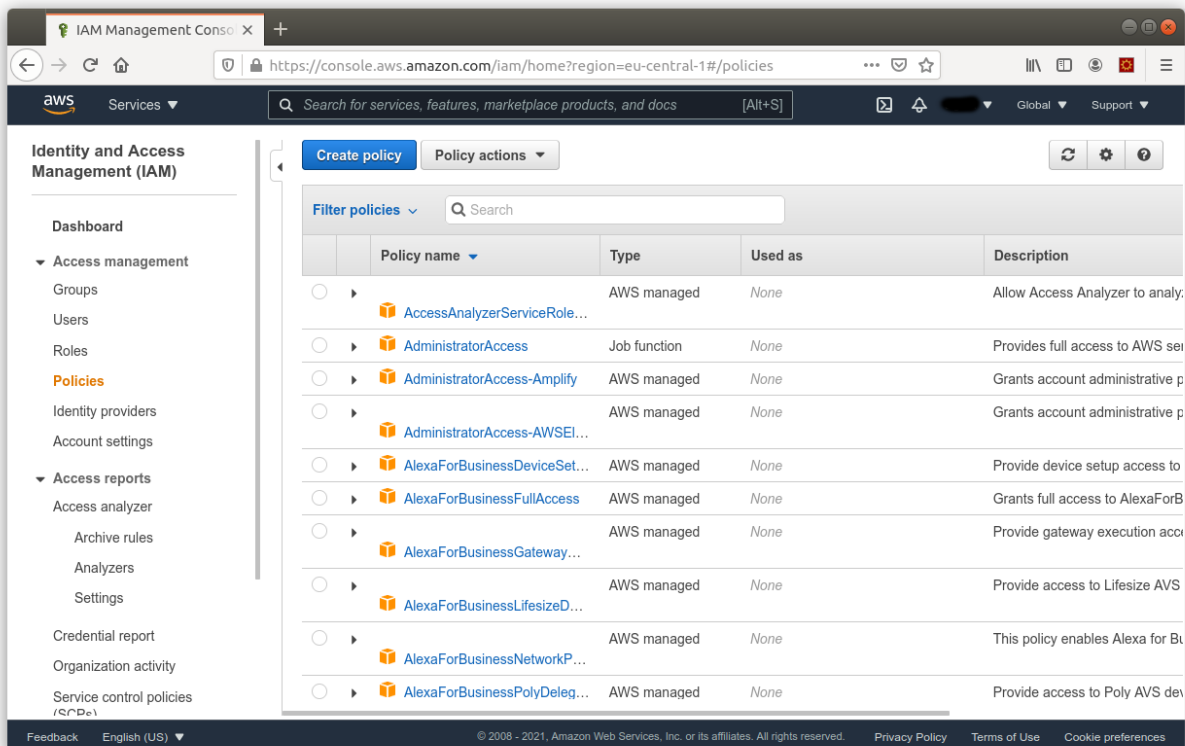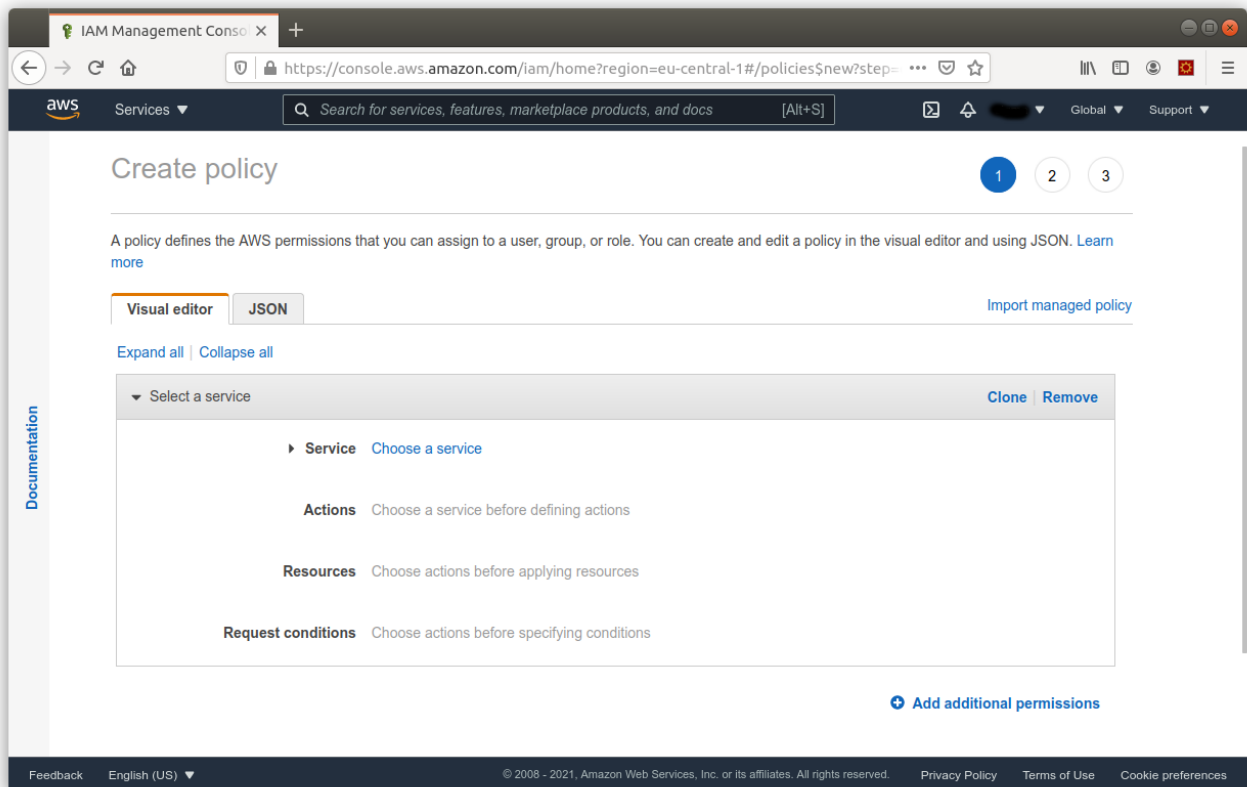
In order to secure access of the EC2 instances to S3, an IAM role is required. Use AWS IAM service web-page.
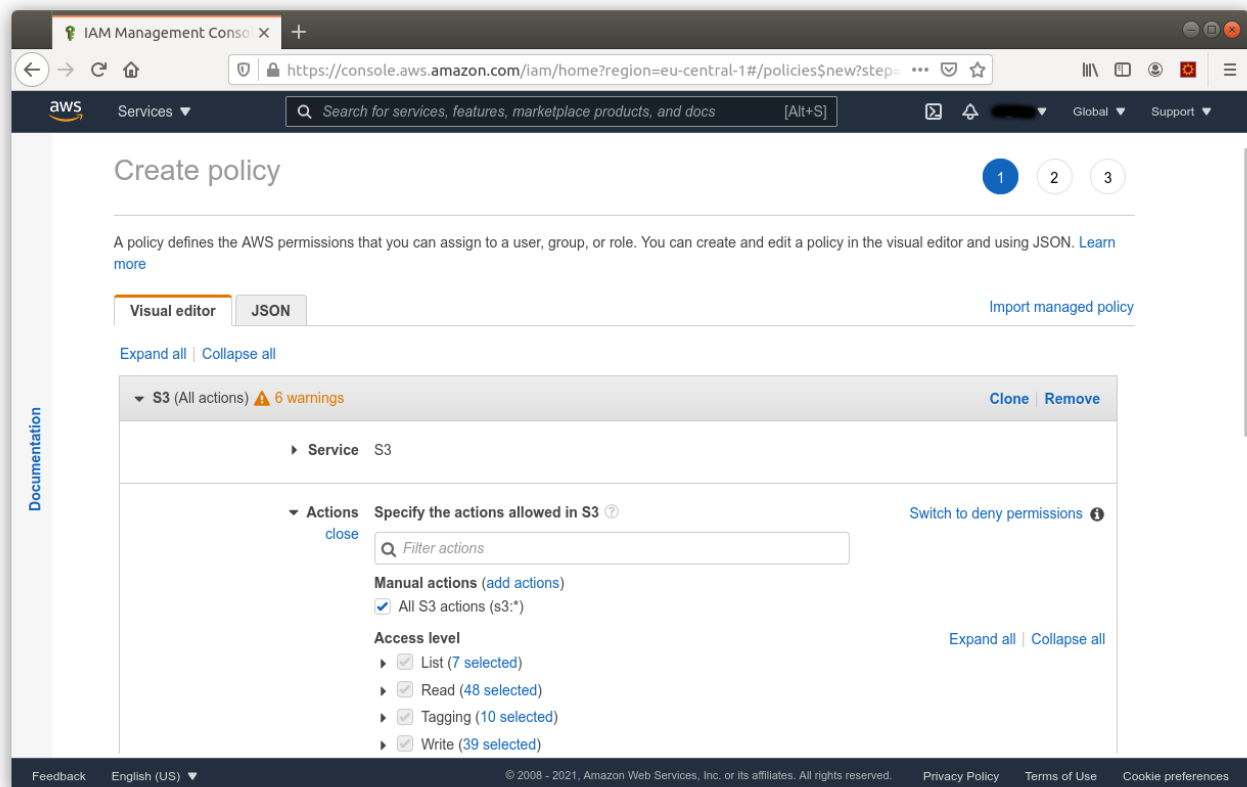


One IAM roles is based on IAM Policies. It is required to create an IAM policy that reduce the access rights to the S3 bucket we need to use. ( See S3 Bucket pages ).
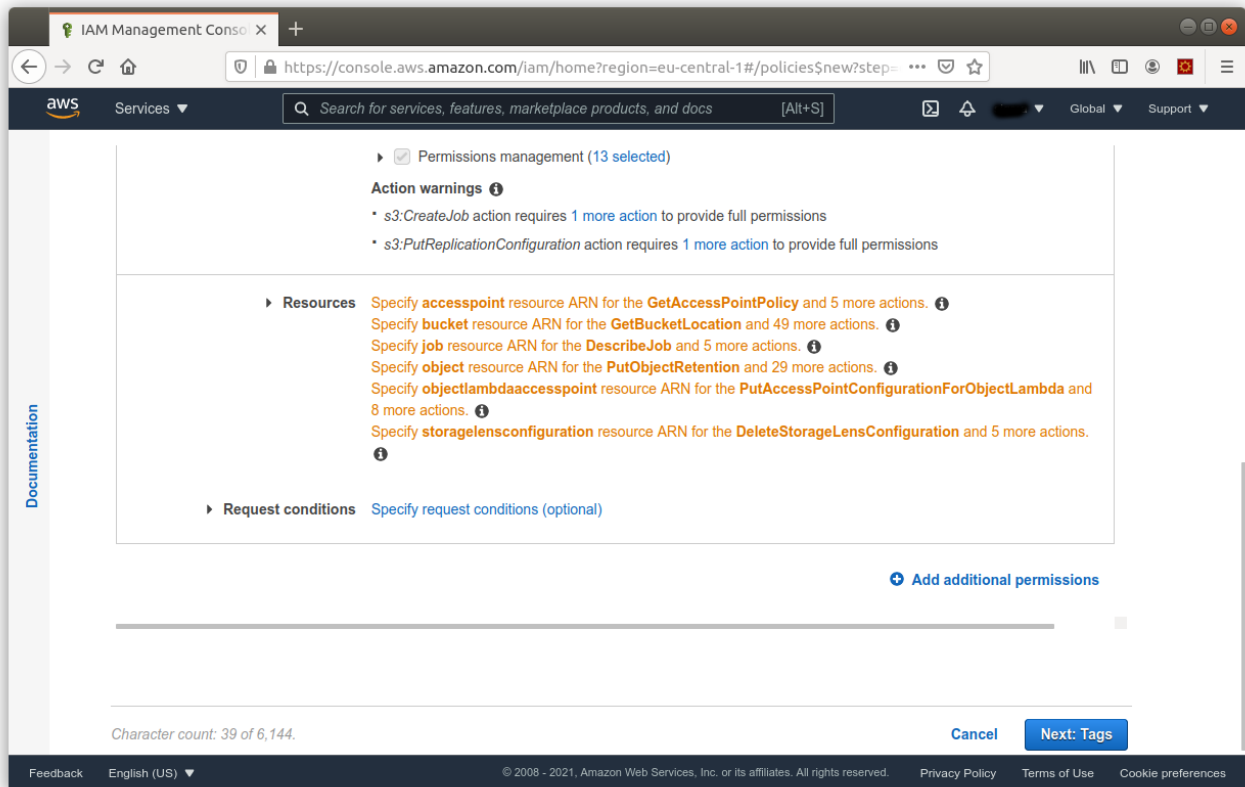
Create a new policy:
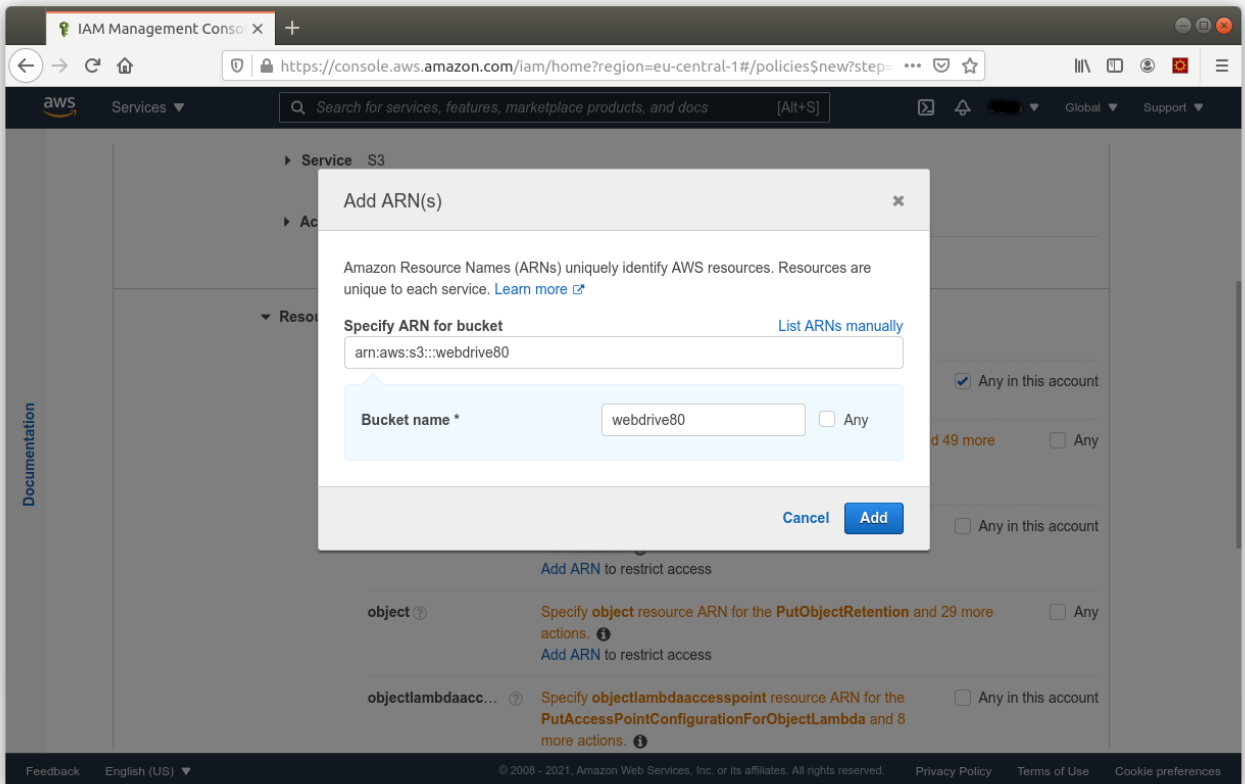


Chose S3 service:



Check – all S3 actions (it will be filtered later per bucket)

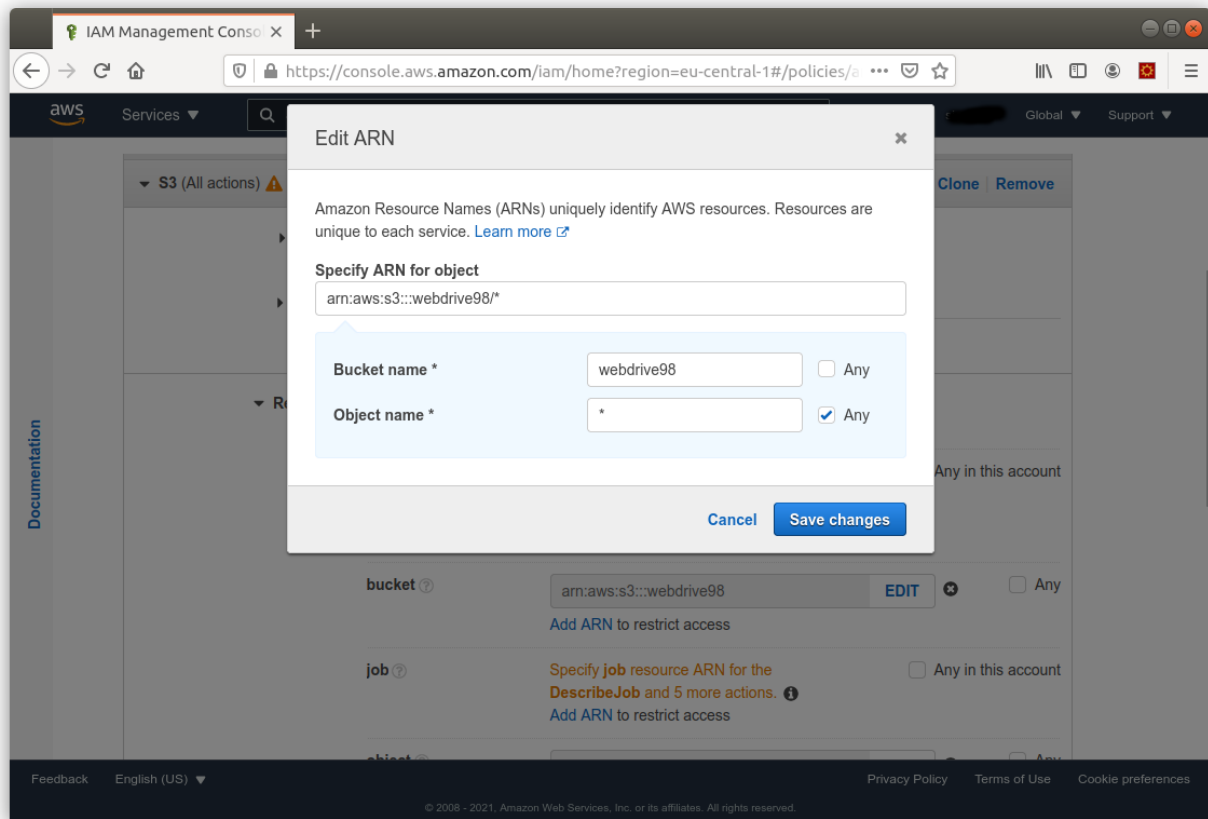You will need to specify the Bucket and Object resource ARN.
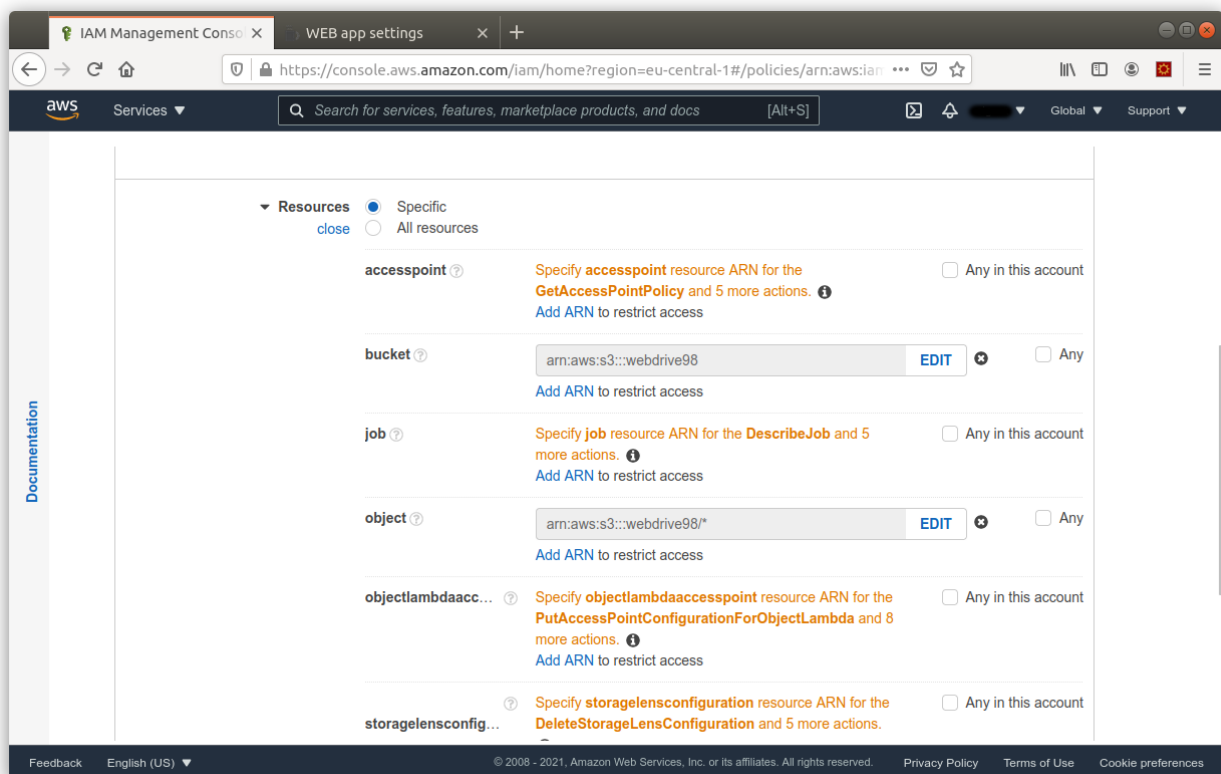


Click on the desired line.
Bucket first:



Write the bucket name. The ARN will be completed.

Set the ARN for Object: ( bucket name and ANY for Object name )



It should look like this:

You can set a tag ( key and value ). It is not required.
Set the policy name:



A preview, press "Create Policy"

You have the policy required by the IAM role, it will allow access to the S3 bucket.
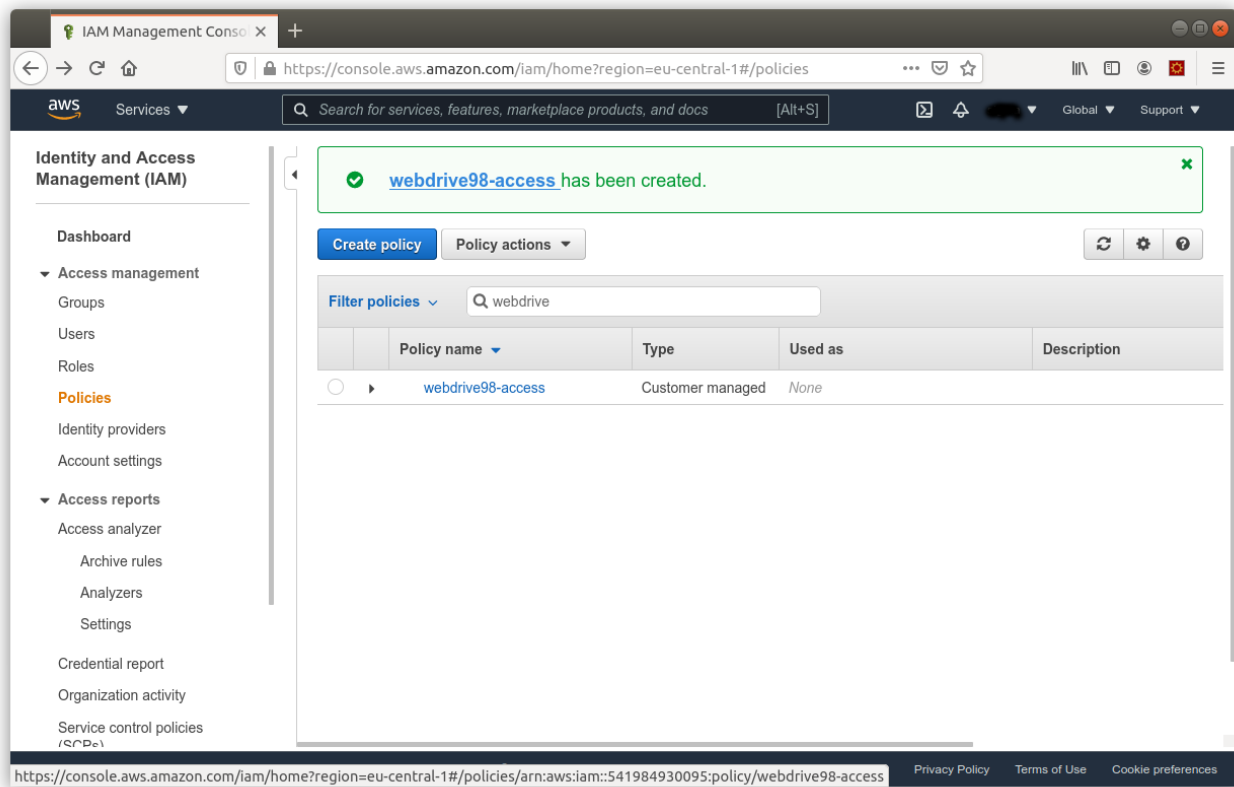


Create the IAM role:
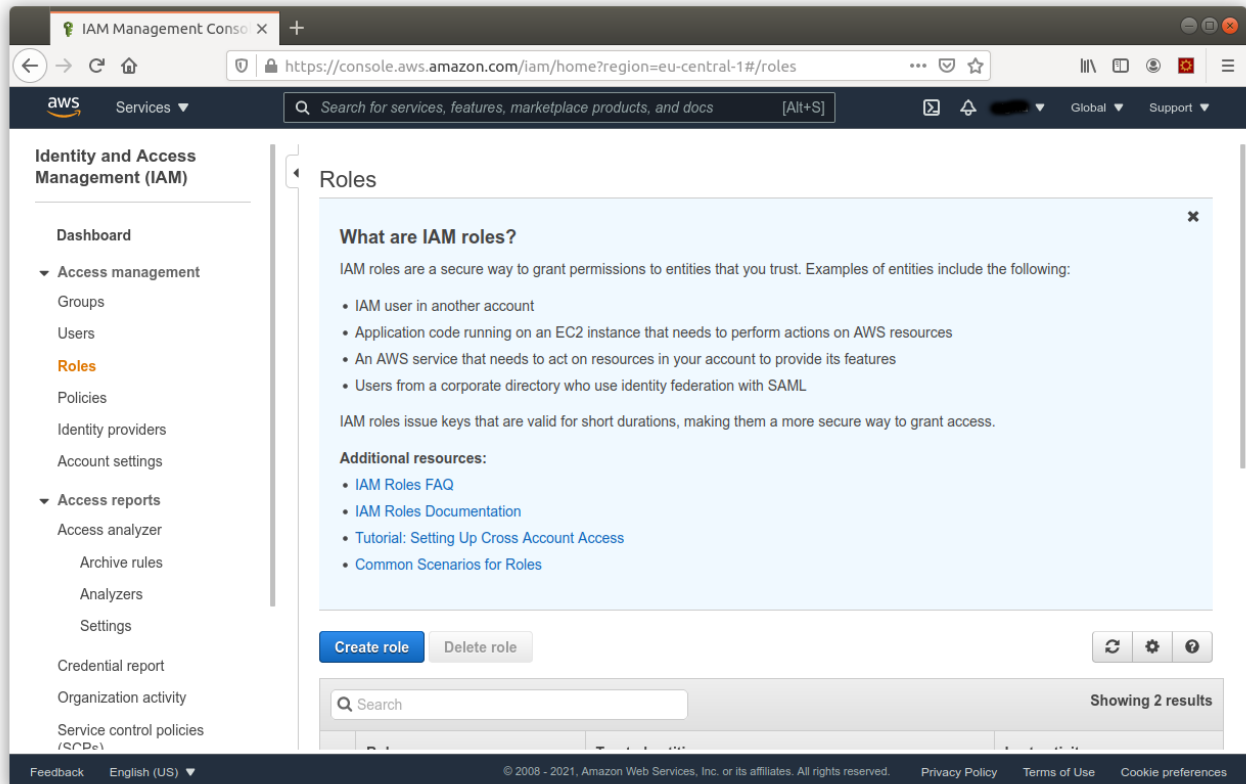


Press "Create role"

Chose EC2 service for the new role:



Attach the required policy (one created earlier):

Add tags (not required)



Set the IAM role name:

That is, you have set the required IAM role:



Notes: