Rendu TP06

Rendu de TP06 effectué par `Thomas PEUGNET`.

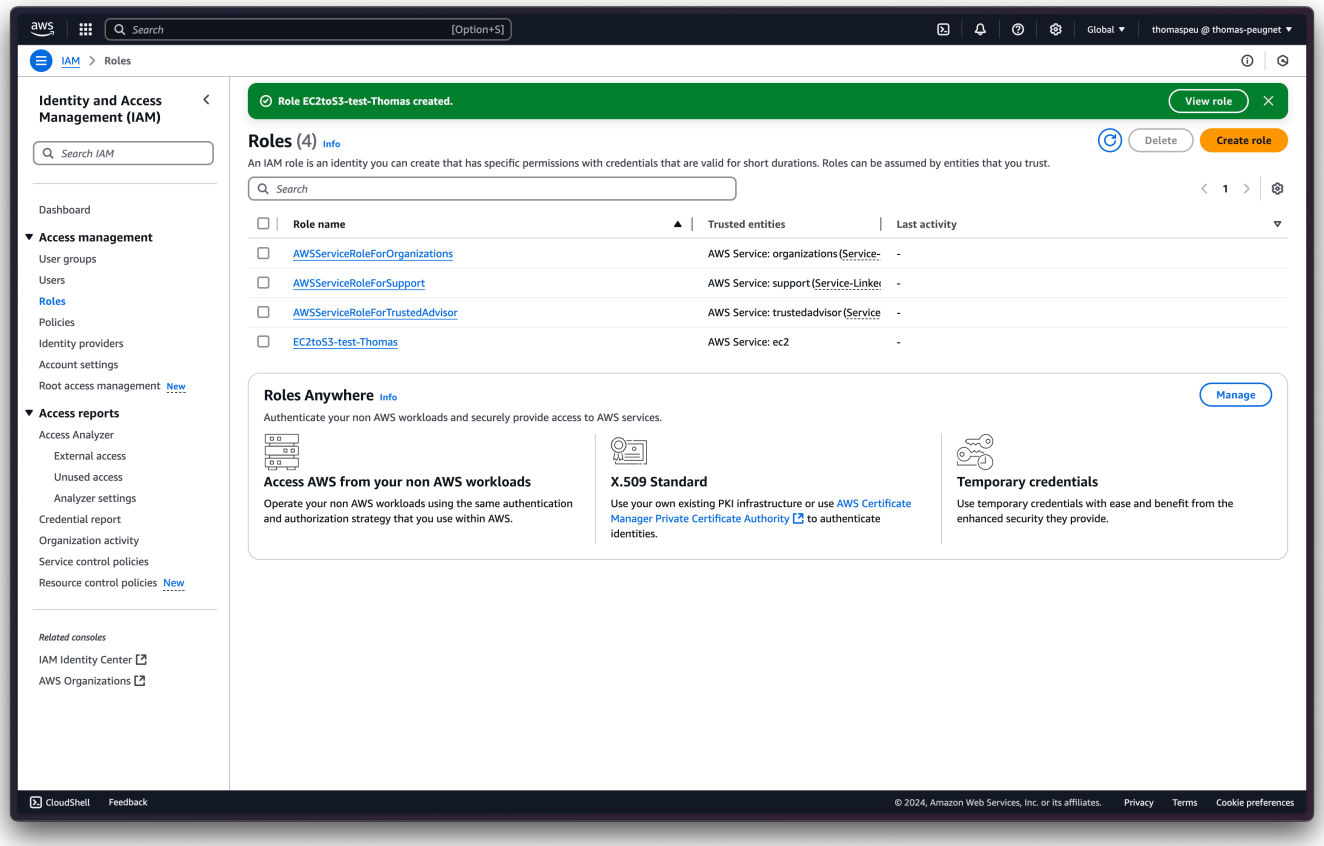
Nous créons notre instance.

Nous nous connectons en SSH à la VM.

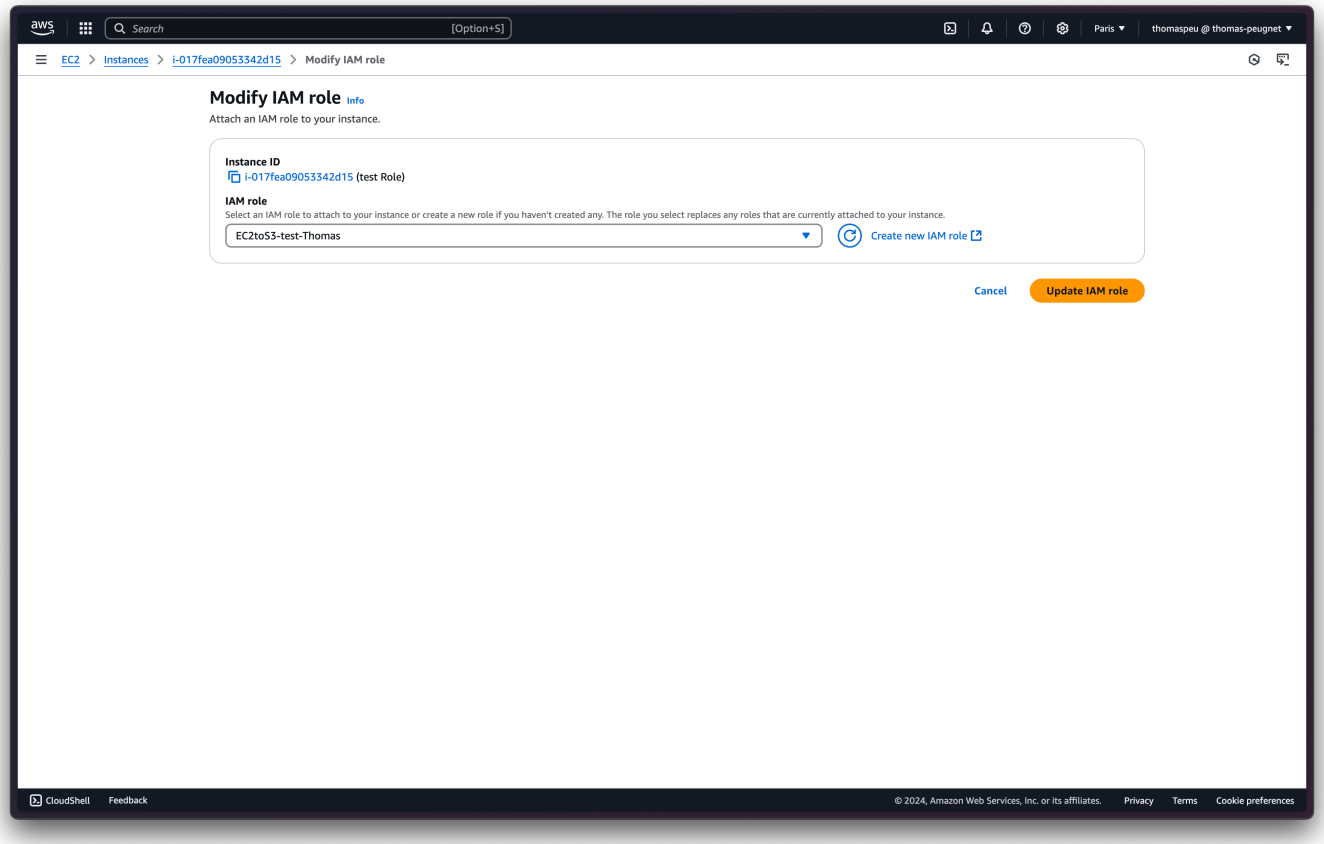
Nous tentons de lister les `s3`.

```
⌥⌘2                    ec2-user@ip-172-31-47-175:~

.amazonaws.com
The authenticity of host 'ec2-15-188-50-217.eu-west-3.compute.amazonaws.com (15
.188.50.217)' can't be established.
ED25519 key fingerprint is SHA256:Ayc9yKc+0w0YHurCONyoH3Z1HGOcLthwMCPbIaIpiTI.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-15-188-50-217.eu-west-3.compute.amazonaws.com'
(ED25519) to the list of known hosts.
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
[ec2-user@ip-172-31-47-175 ~]$ aws s3 ls

Unable to locate credentials. You can configure credentials by running "aws con
figure".
[ec2-user@ip-172-31-47-175 ~]$
```

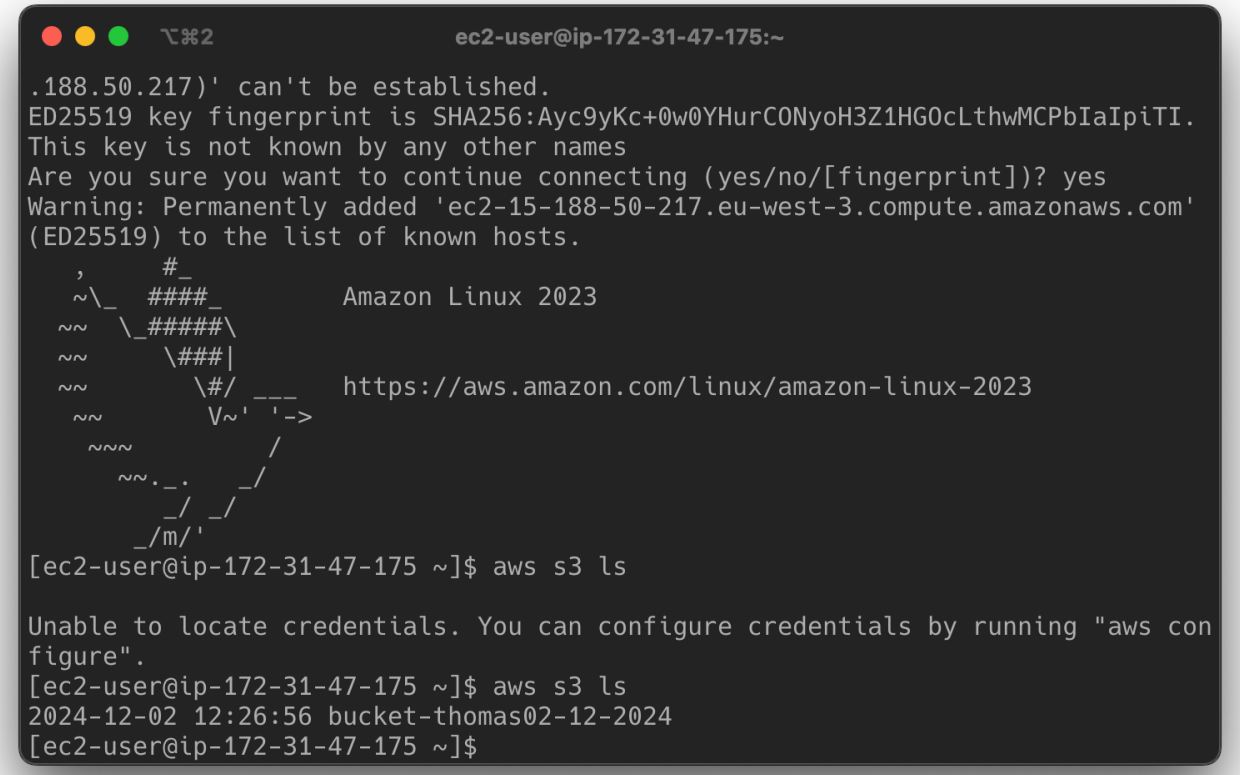
Nous créons notre rôle `EC2toS3-test-Thomas`.



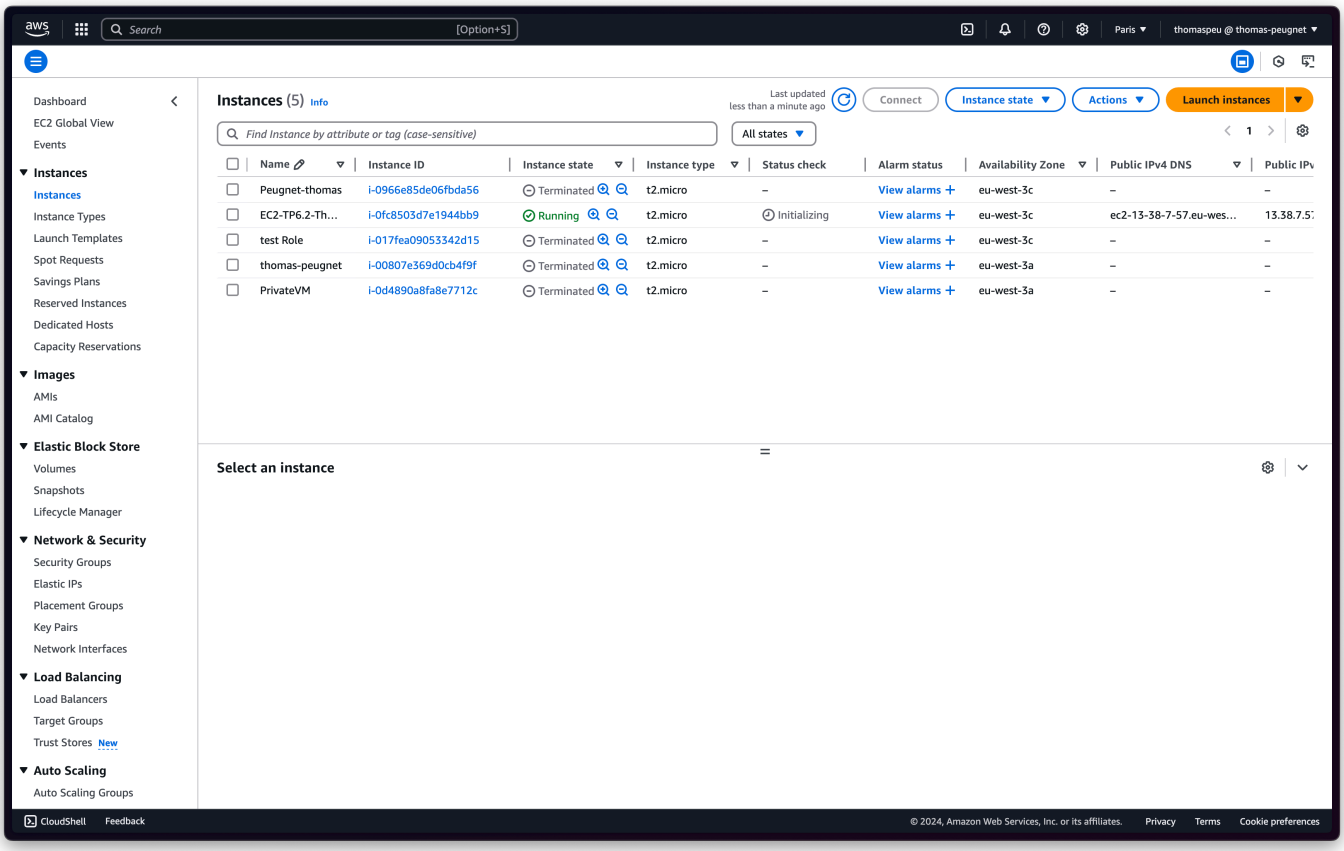
Nous modifions le rôle IAM pour mettre celui nouvellement créé.



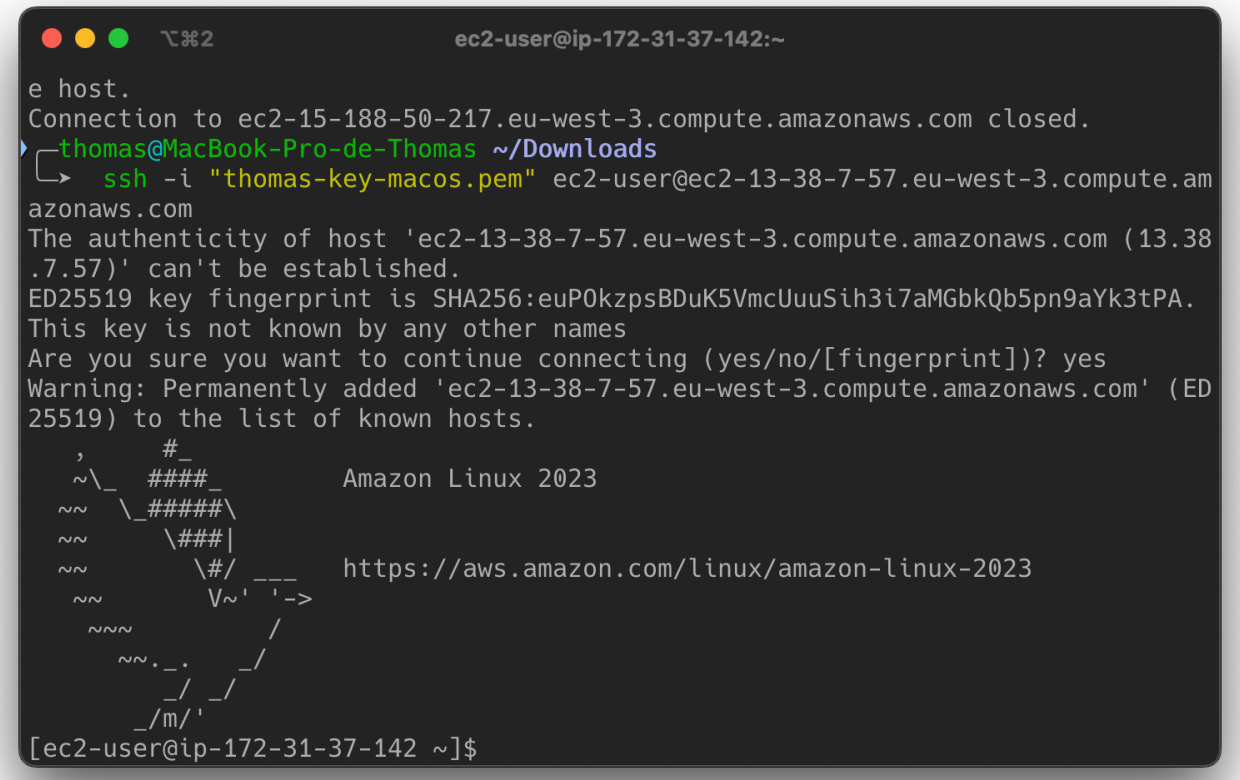
Nous pouvons constater que le `ls` fonctionne désormais.



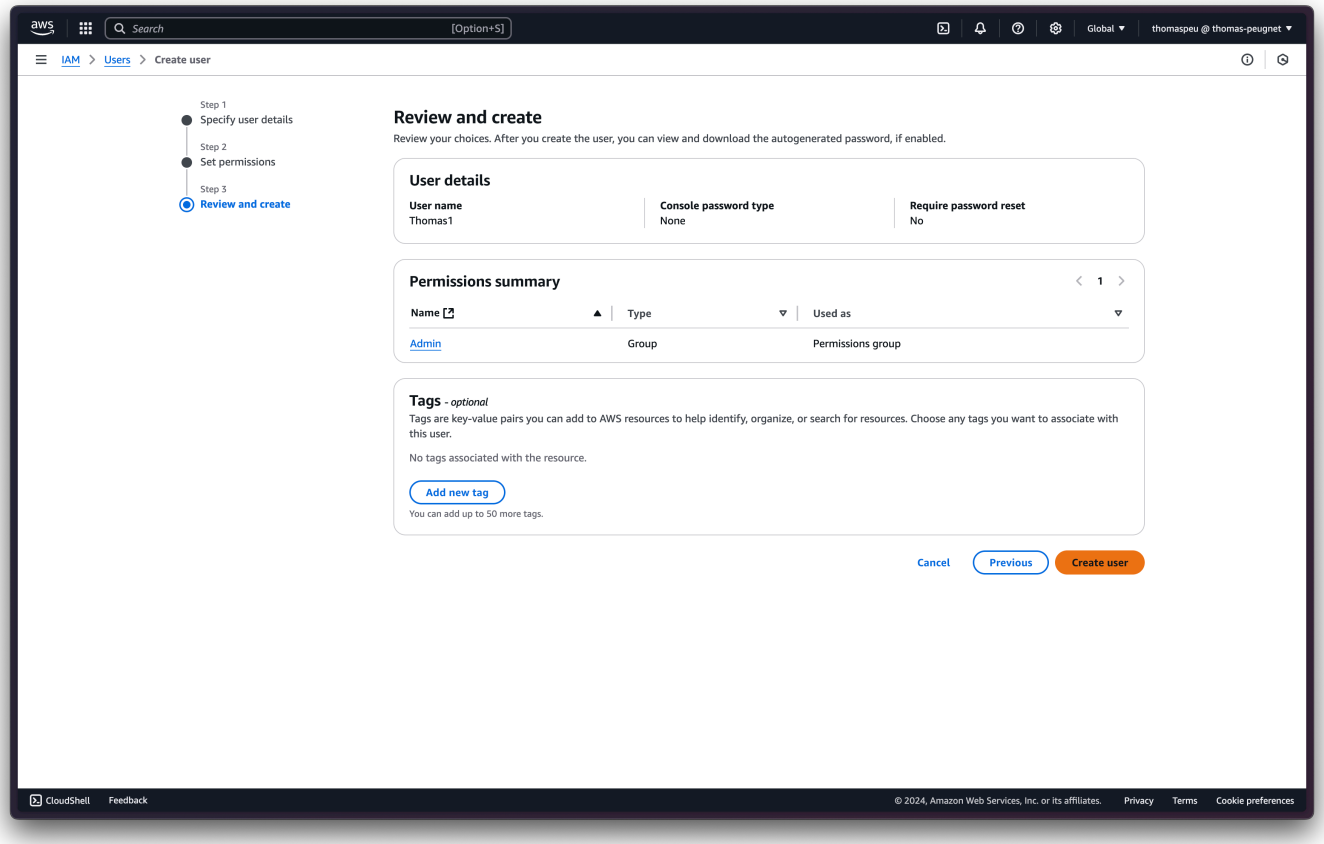
Nous créons une nouvelle instance `EC2-TP6.2-Thomas`.



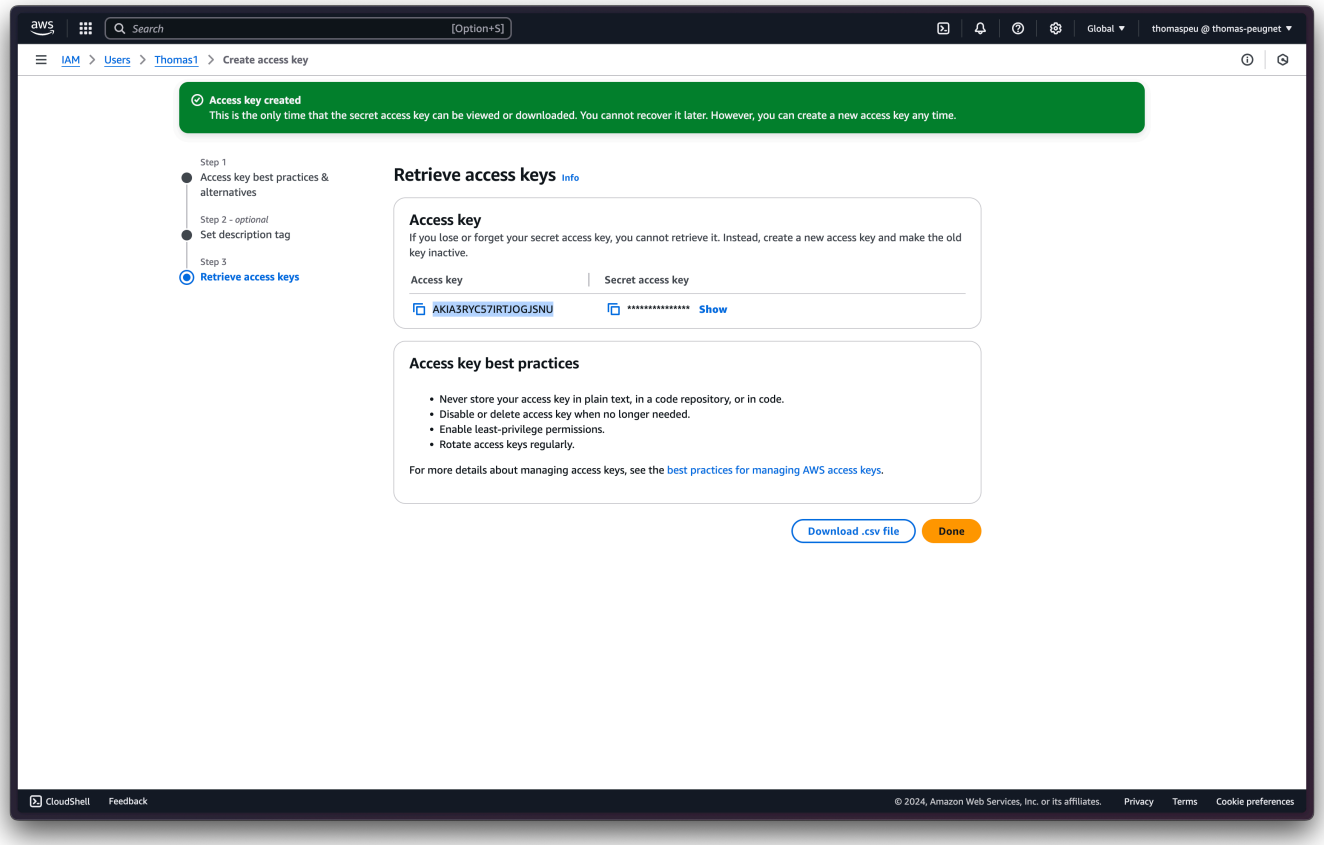
Nous nous connectons à cette nouvelle instance.



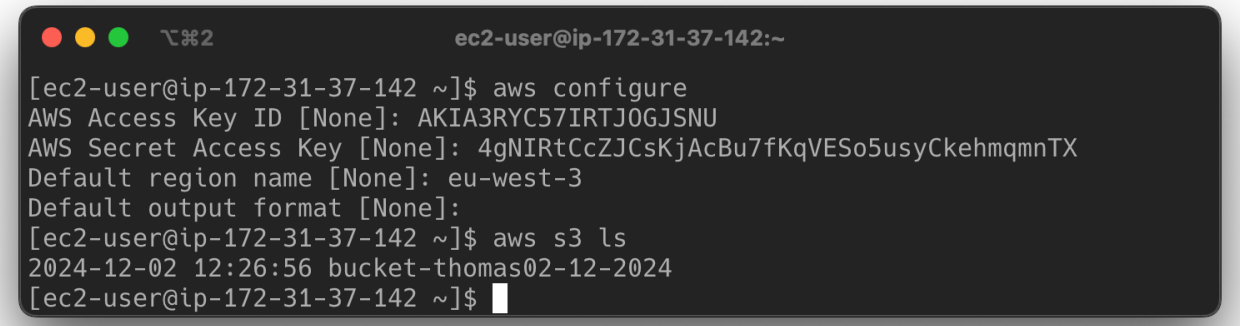
Nous créons un nouvel utilisateur `Thomas1`.



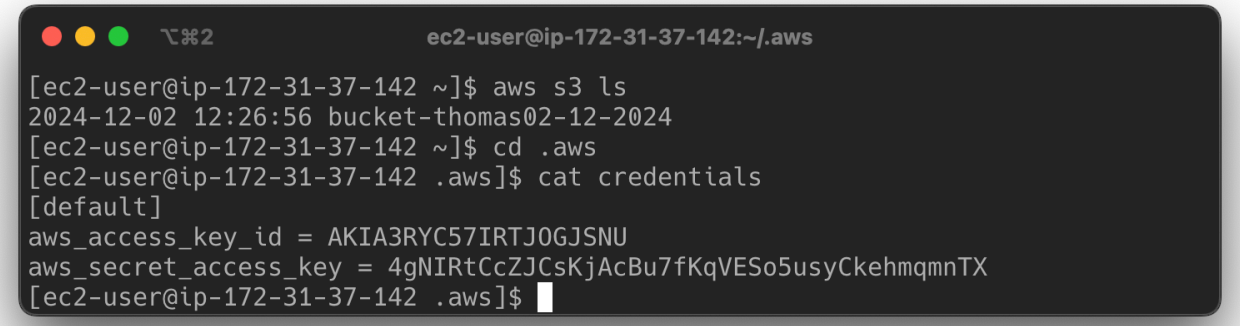
Nous créons une access key pour notre utilisateur.



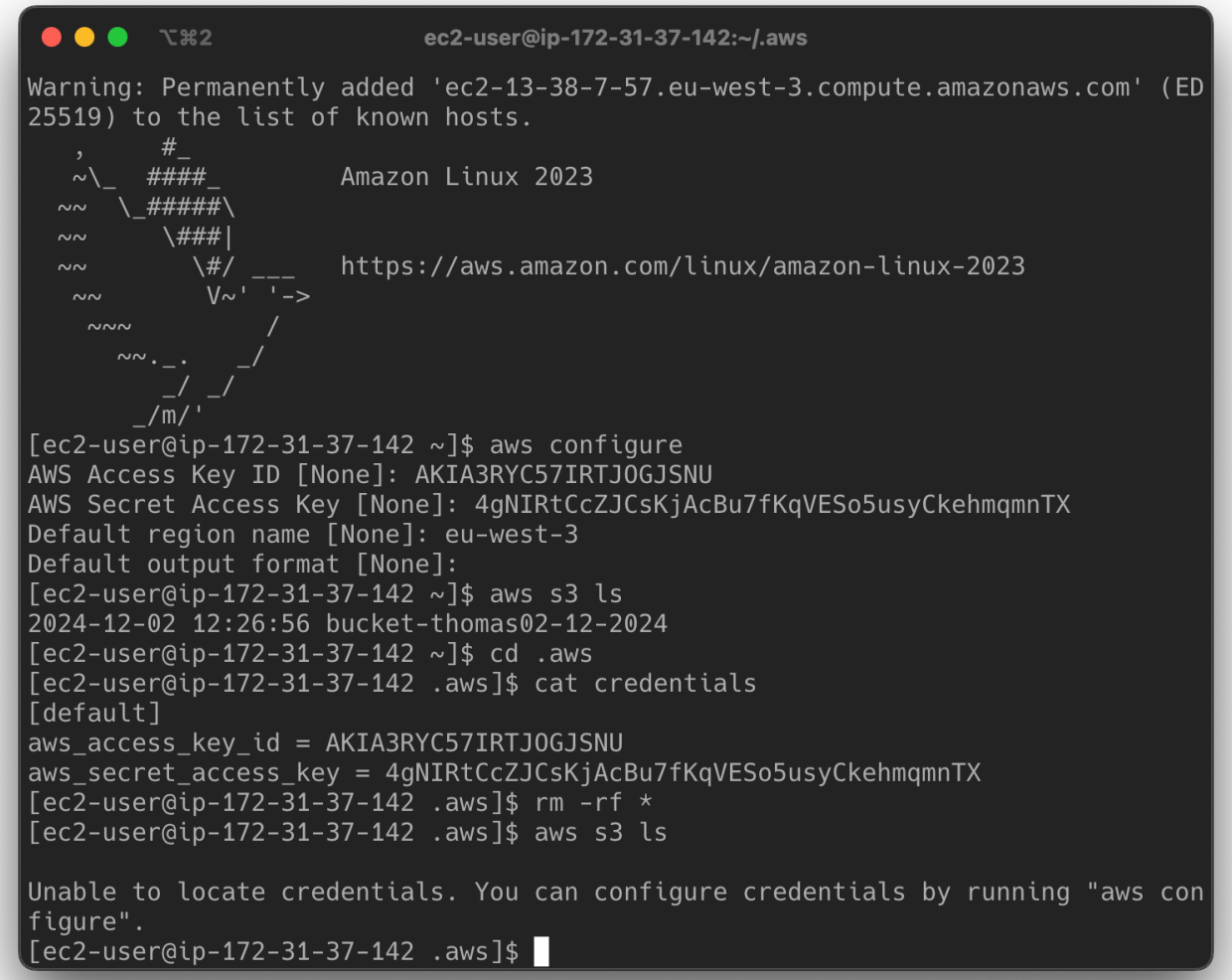
Après avoir enregistré nos Access Keys (détruites avant publication de ce TP donc visibles en clair sur les captures.) nous constatons que cela fonctionne.



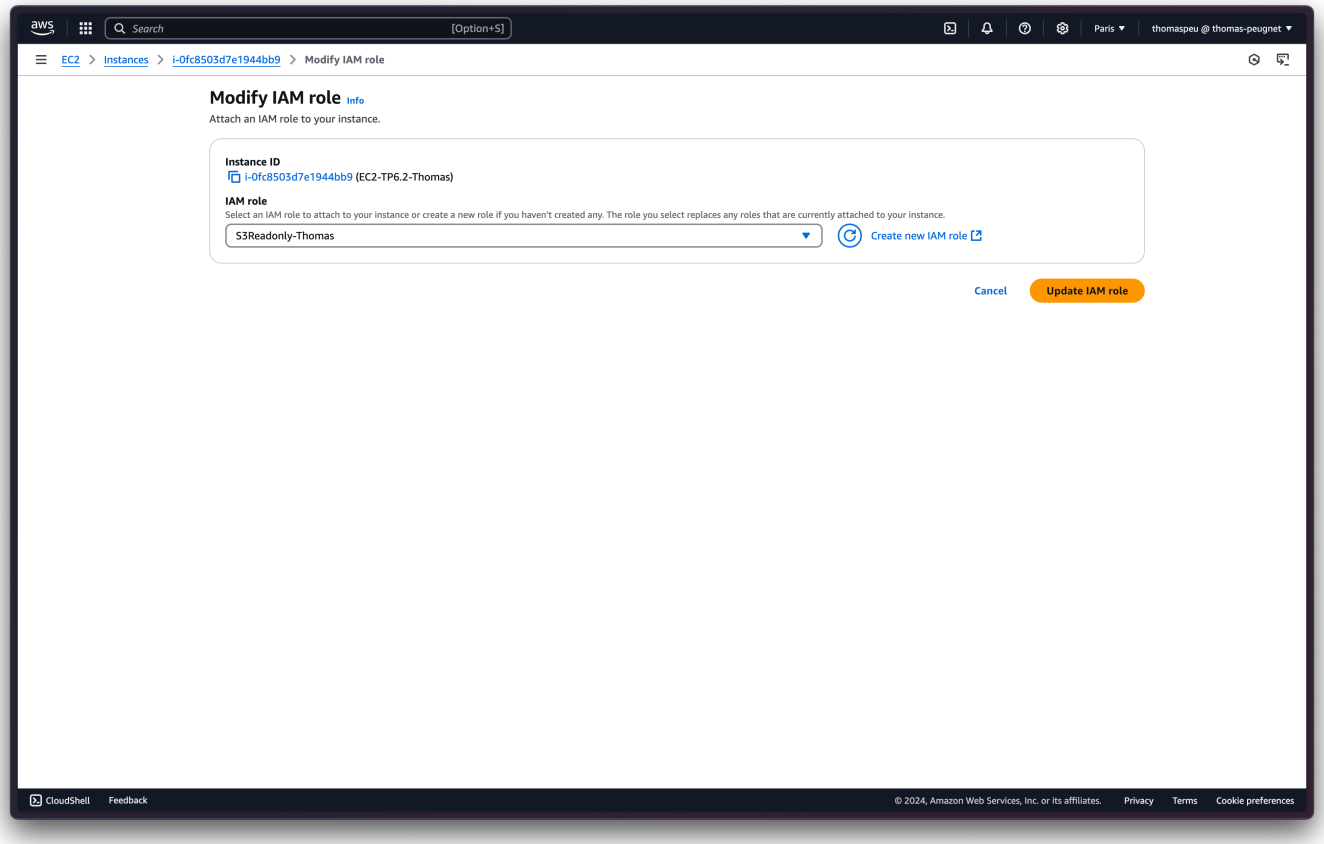
Nous constatons également que ces informations sont stockées en clair sur la VM.



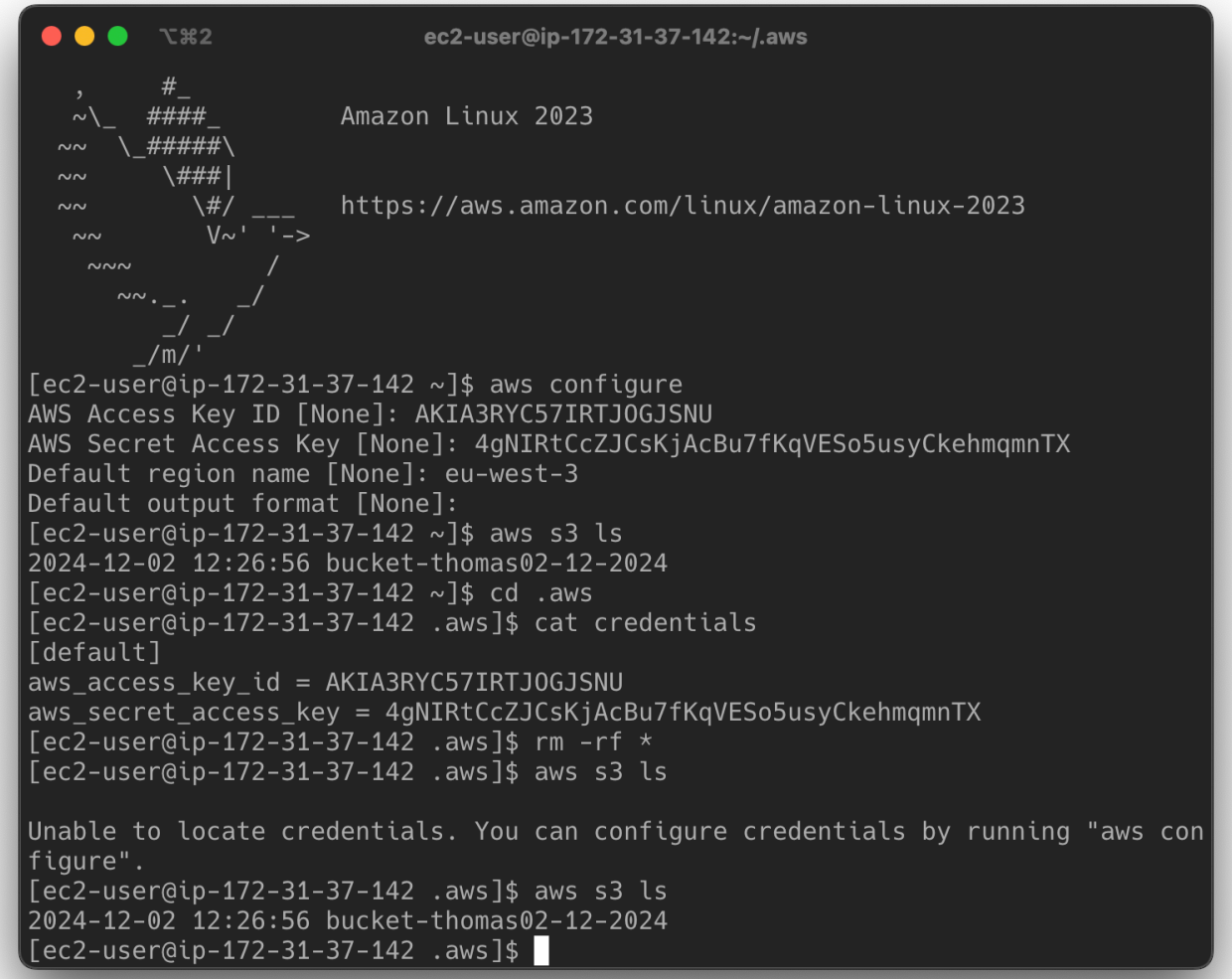
Nous supprimons ce fichier.



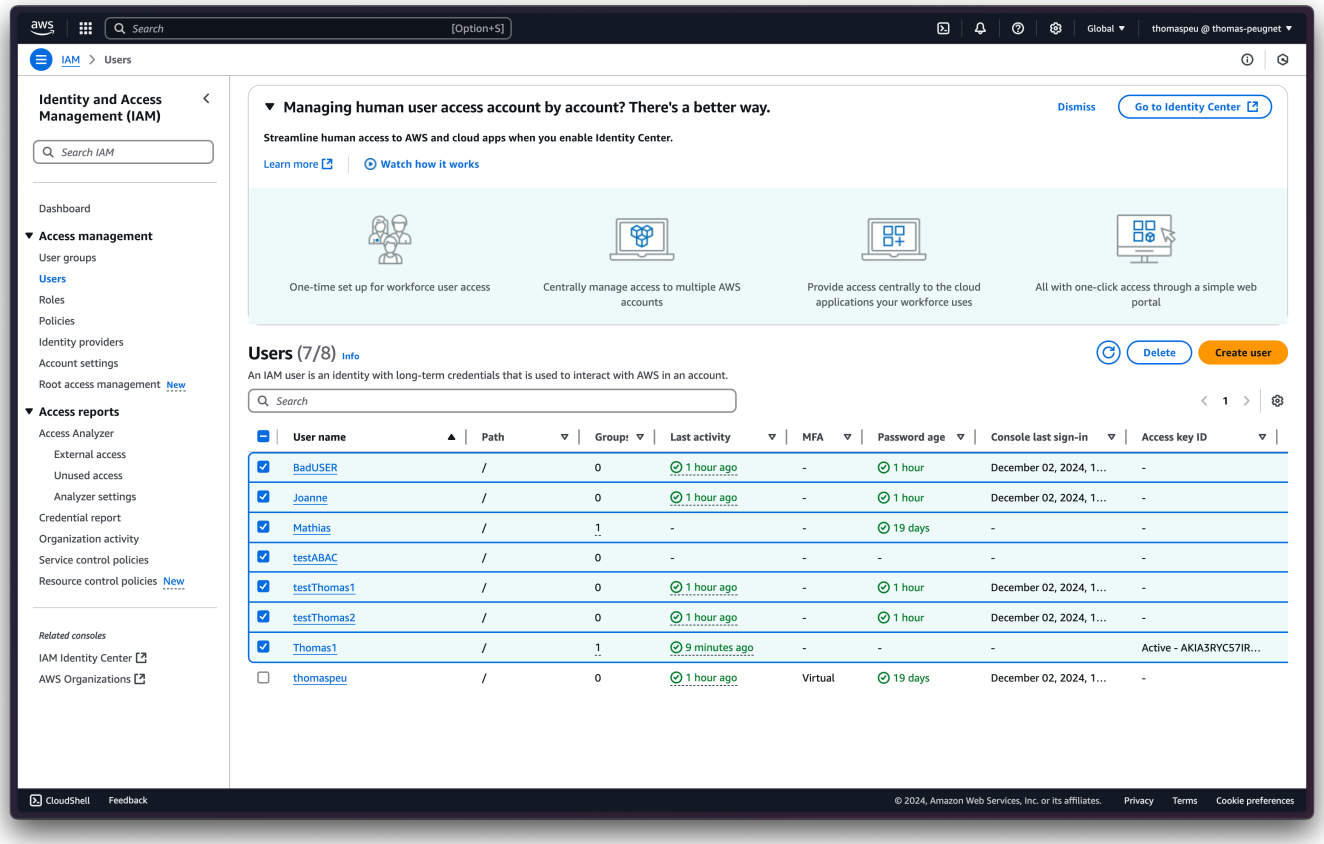
Nous modifions le role IAM.



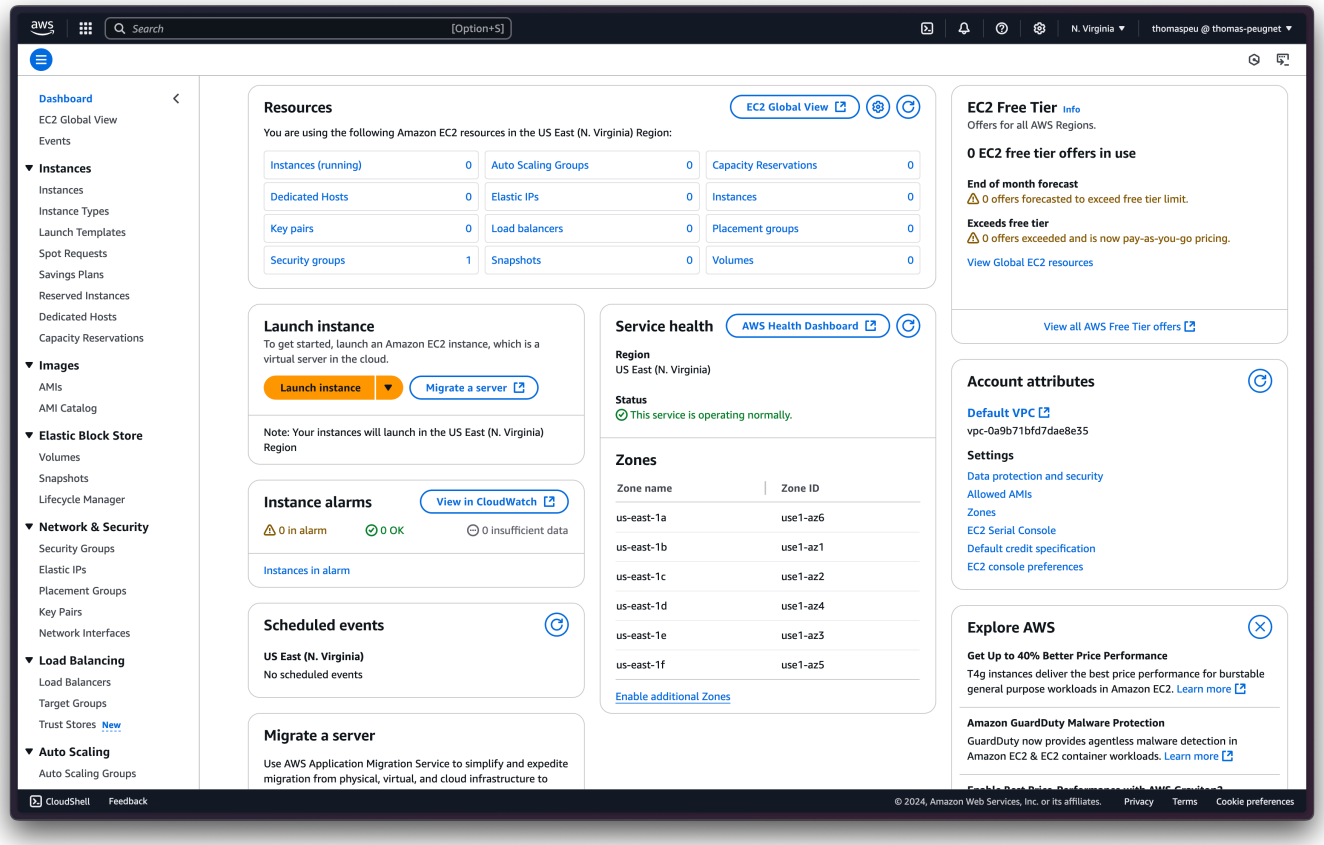
Nous pouvons voir le résultat suivant.



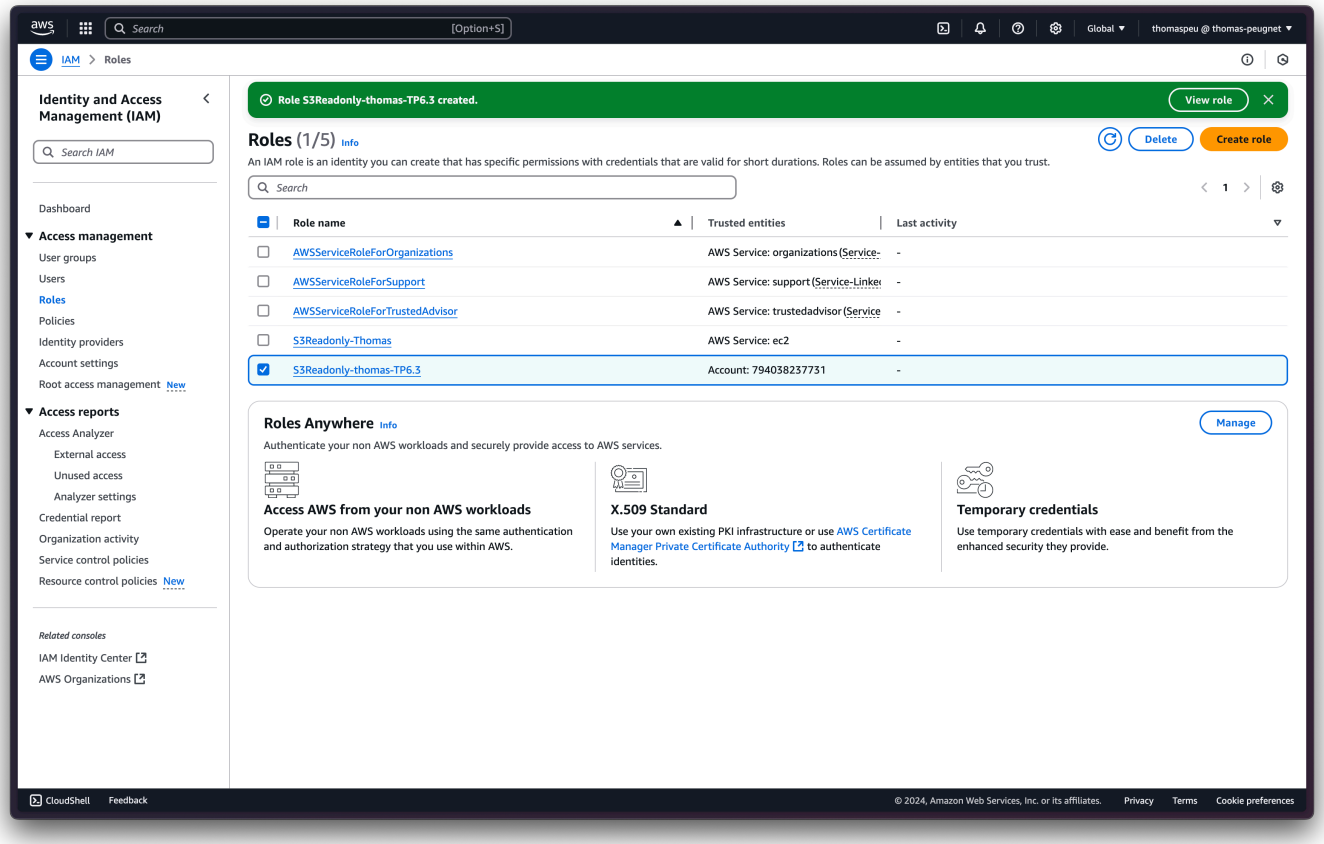
Nous supprimons tous les éléments du TP.



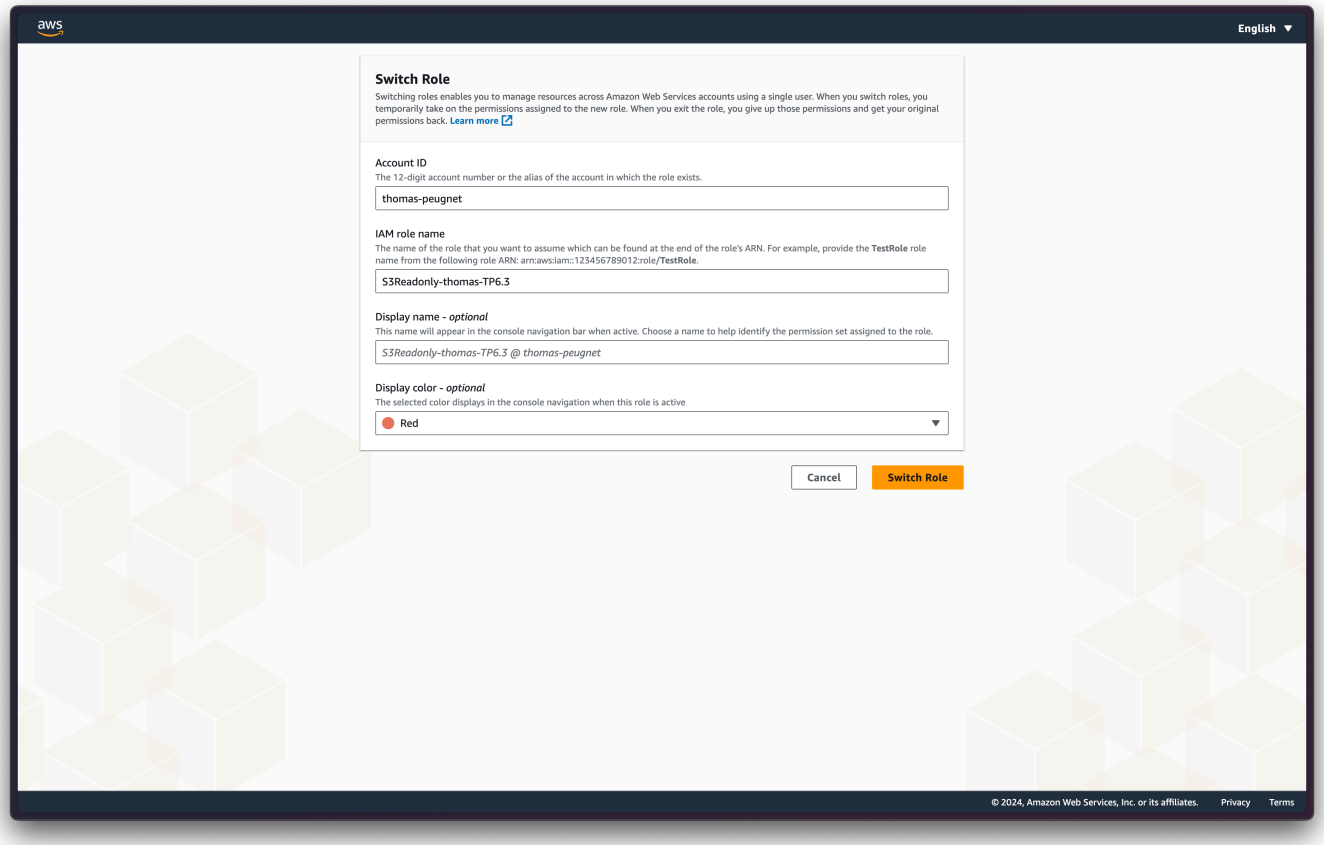
Nous nous connectons au service EC2.



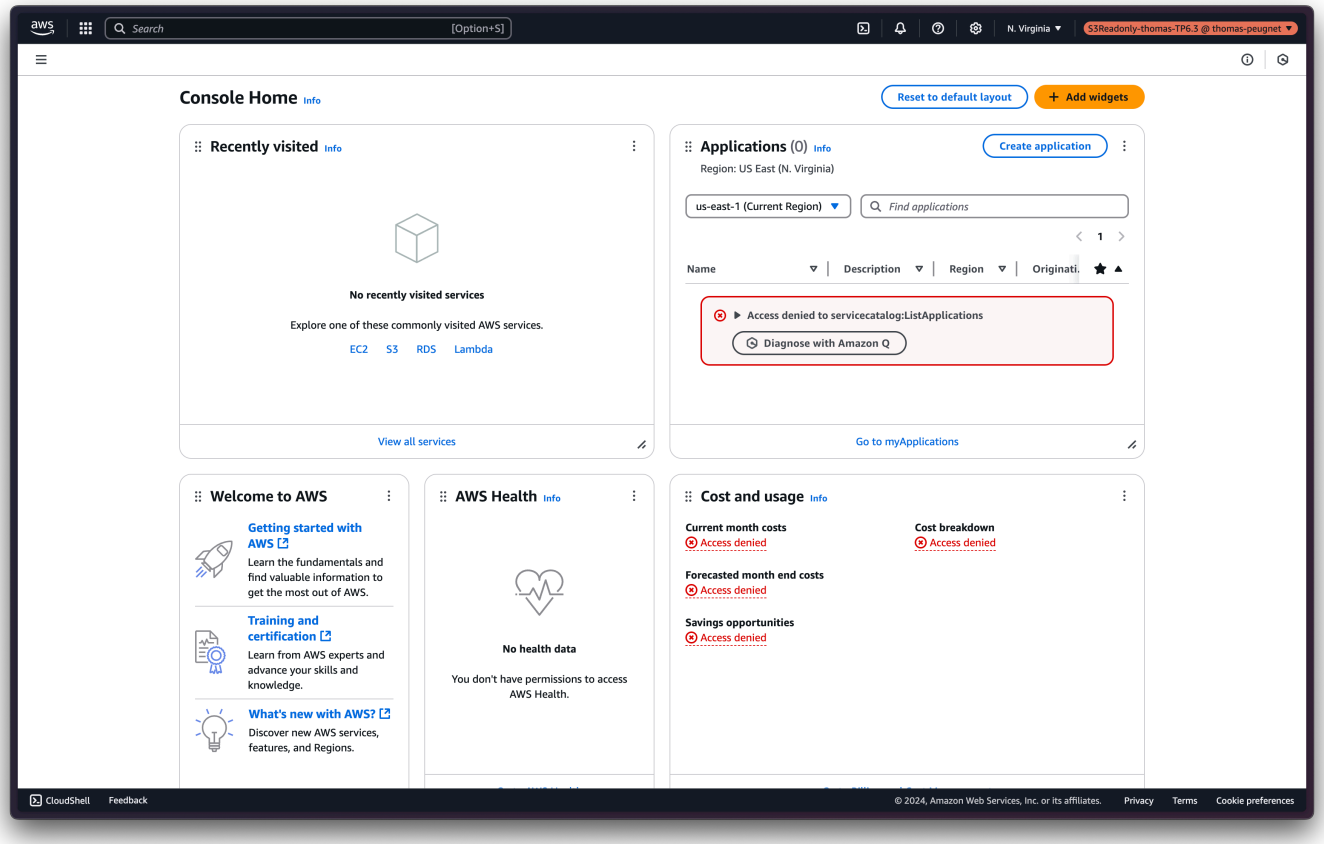
Nous créons noétre nouveau rôle.



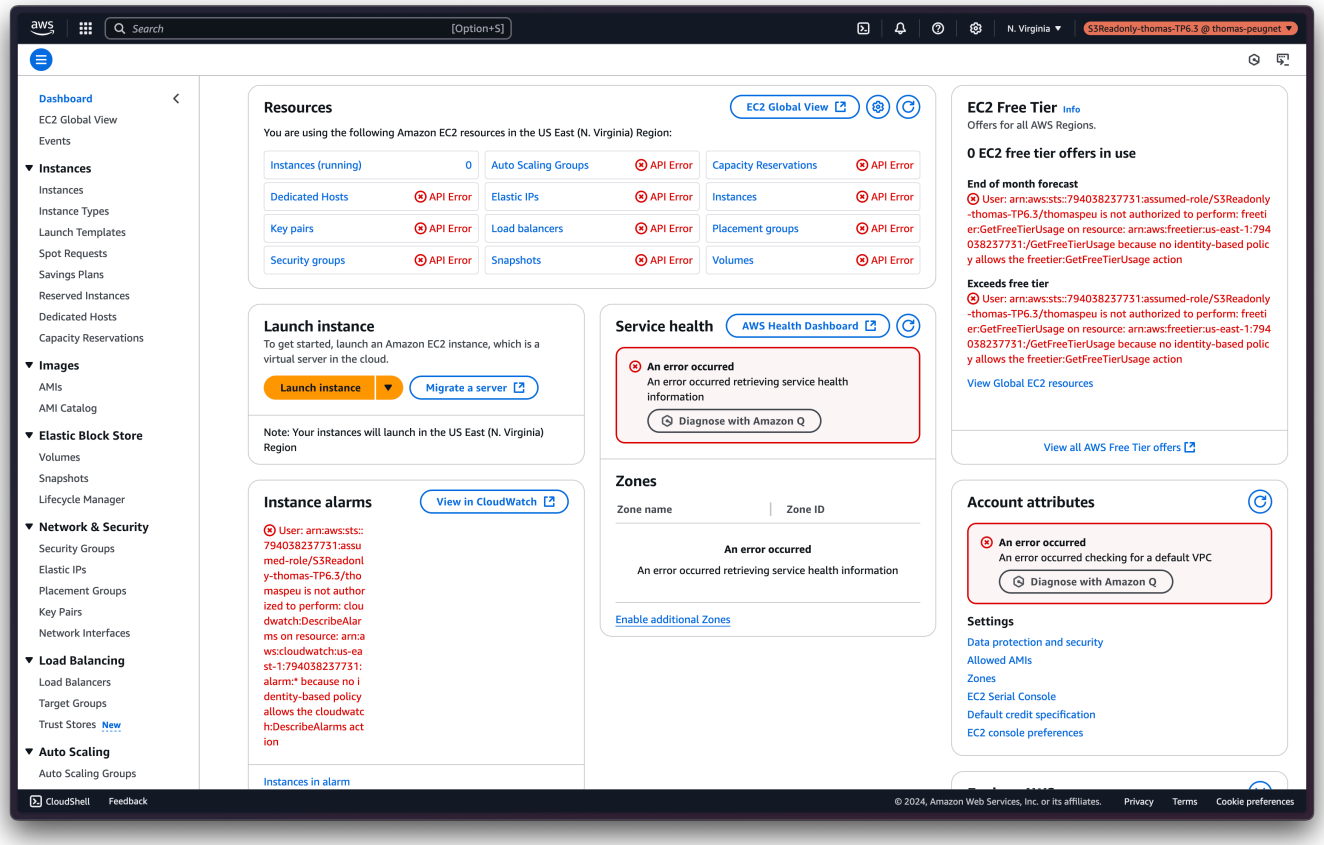
Nous faisons le switch du role.



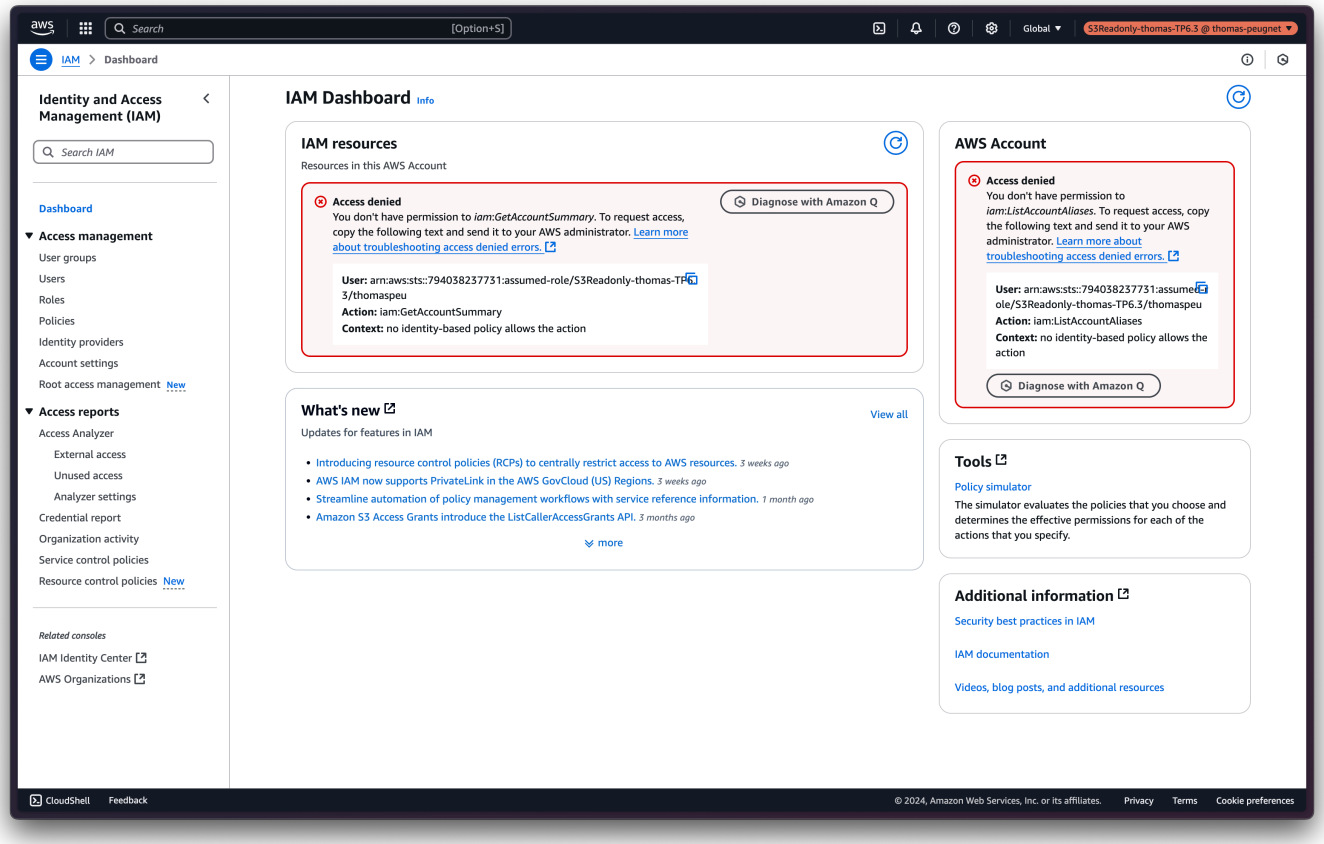
Nous avons bien le résultat suivant.



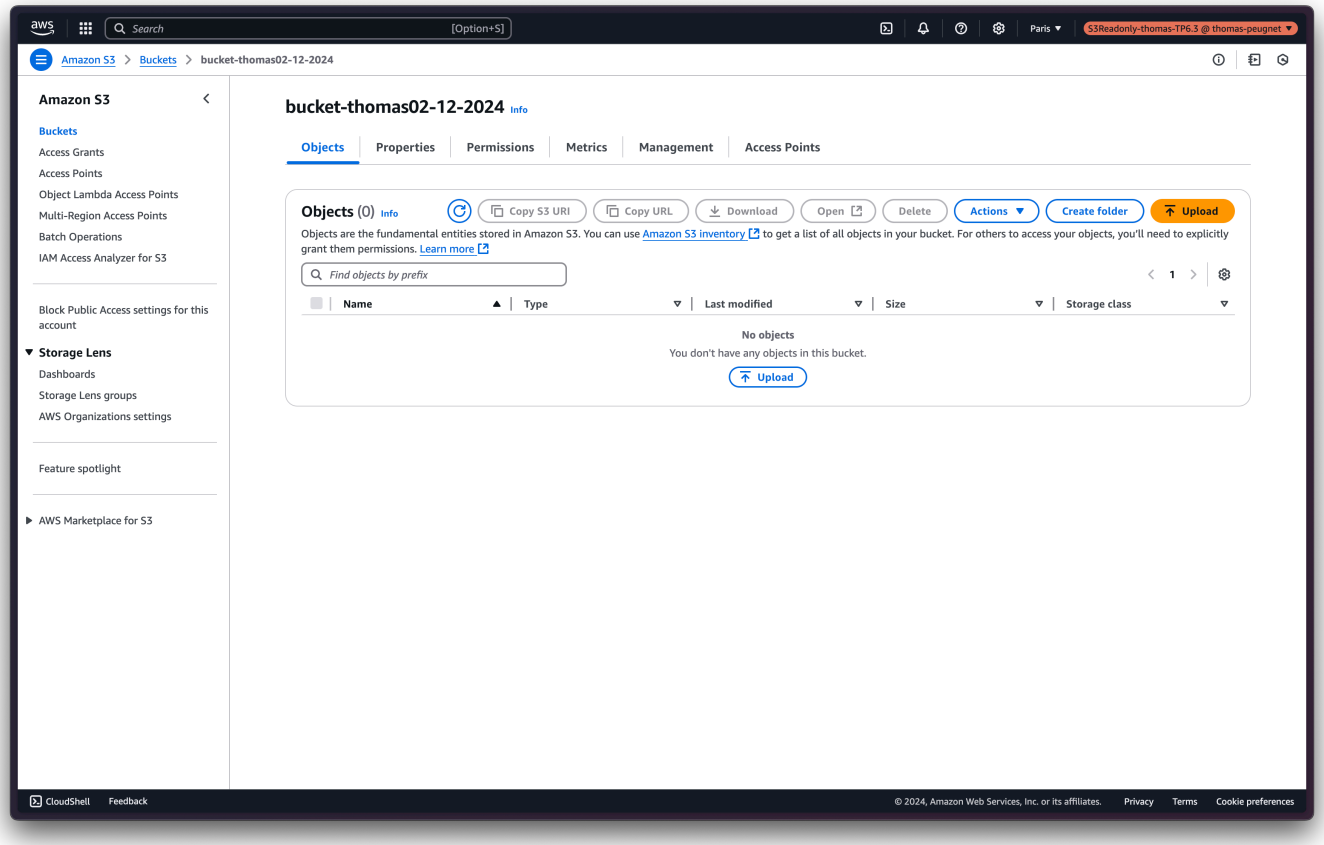
Nous n'avons pas d'accès au service EC2.



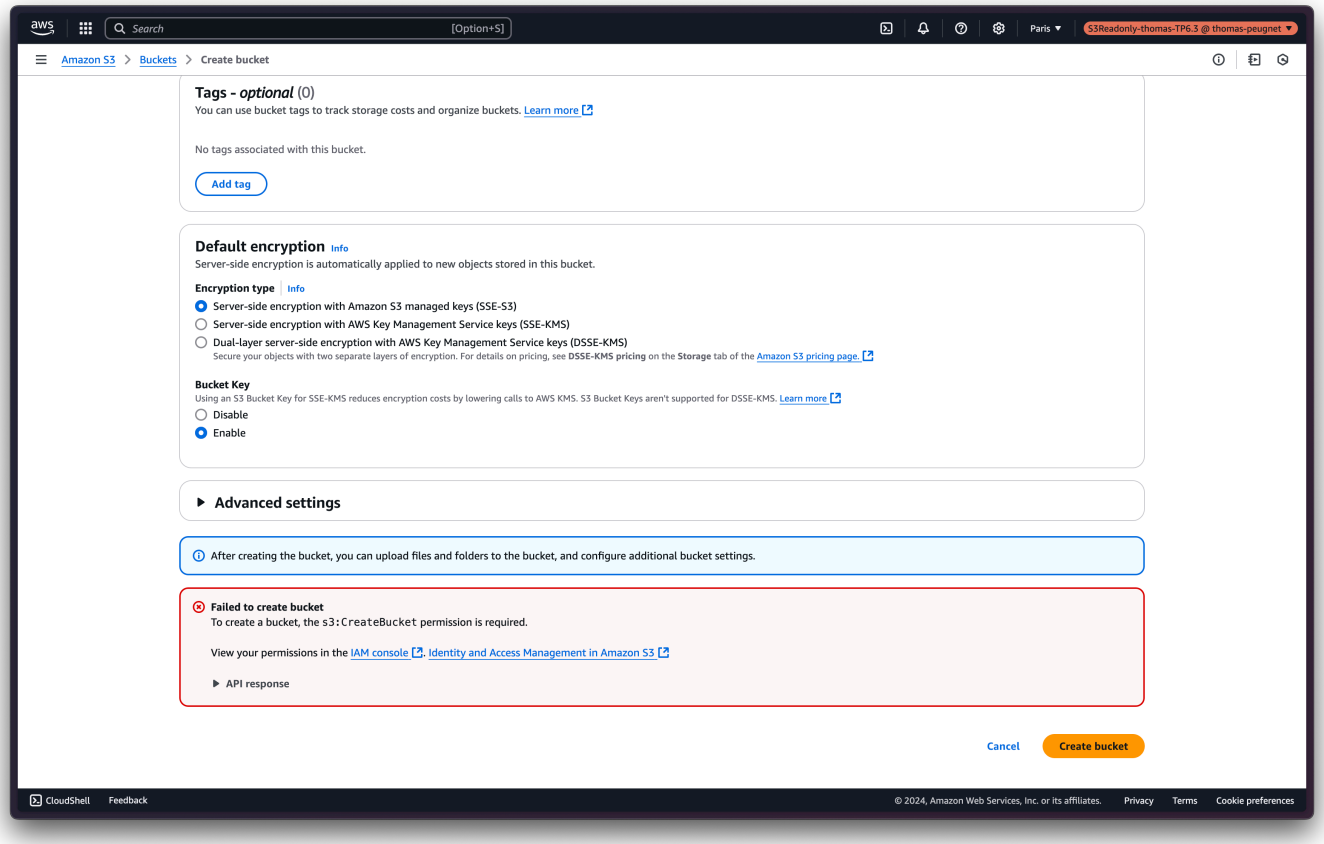
Idem pour le service IAM.



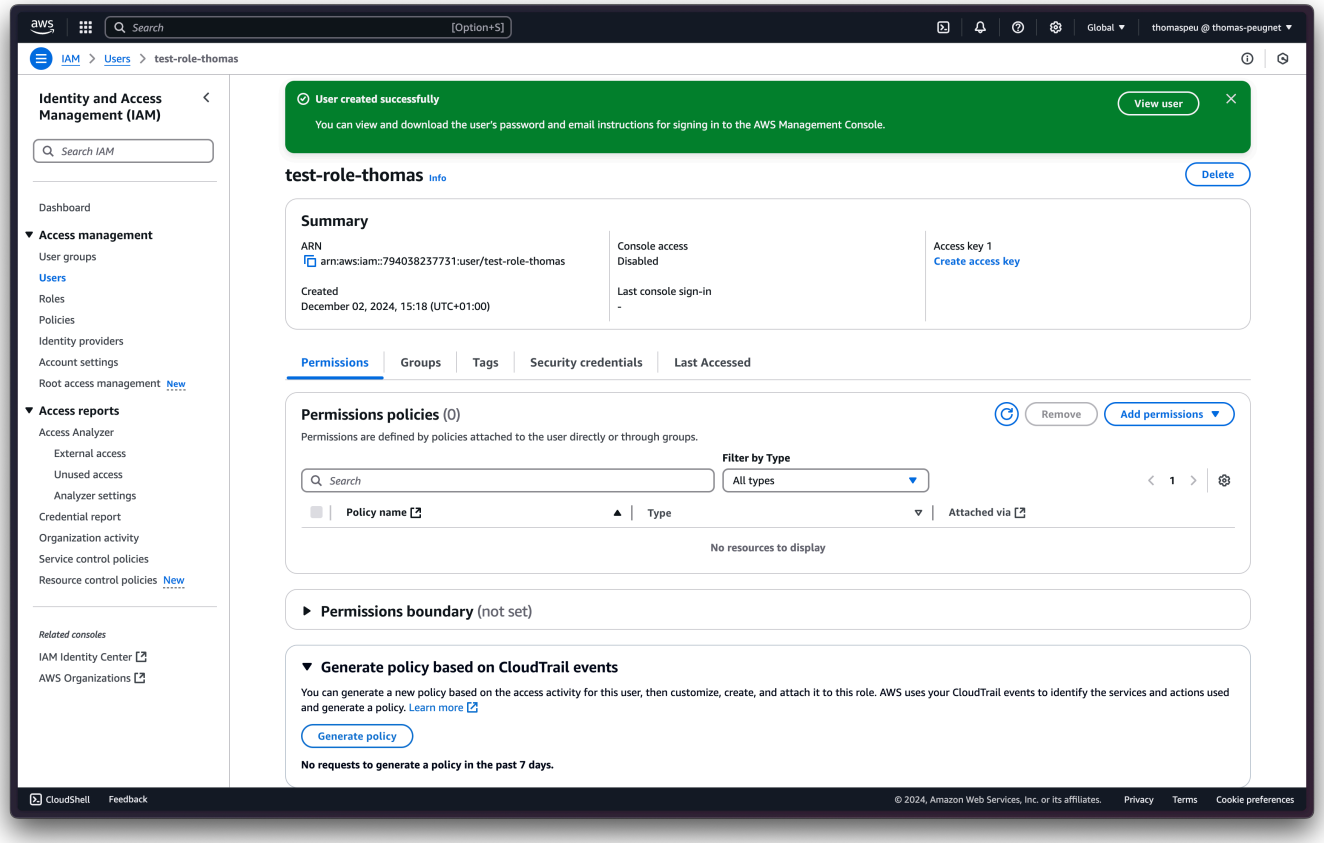
Pas de problème pour la lecture sur S3.



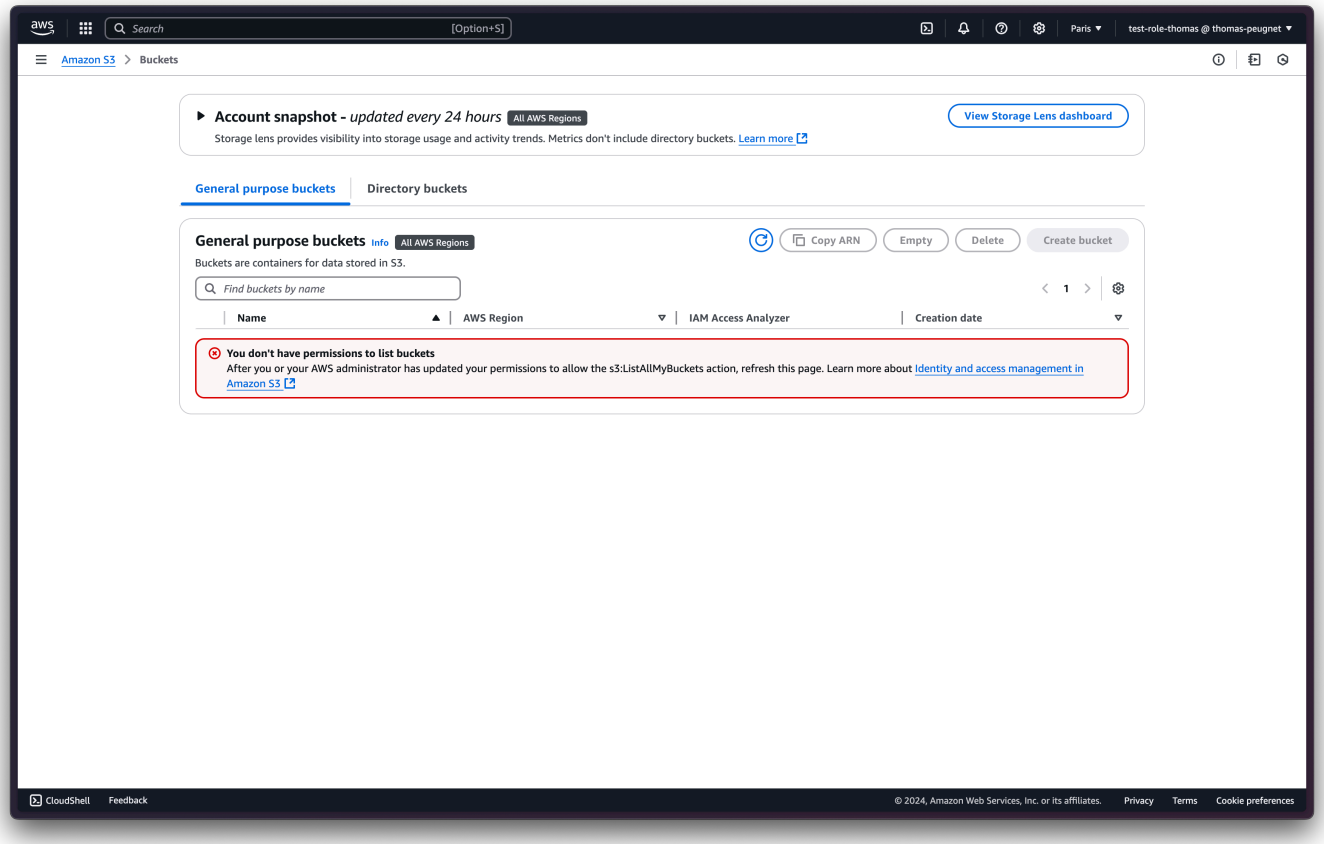
Nous ne pouvons pas créer de bucket.



Nous créons éun nouvel utilisateur `test-role-thomas`.



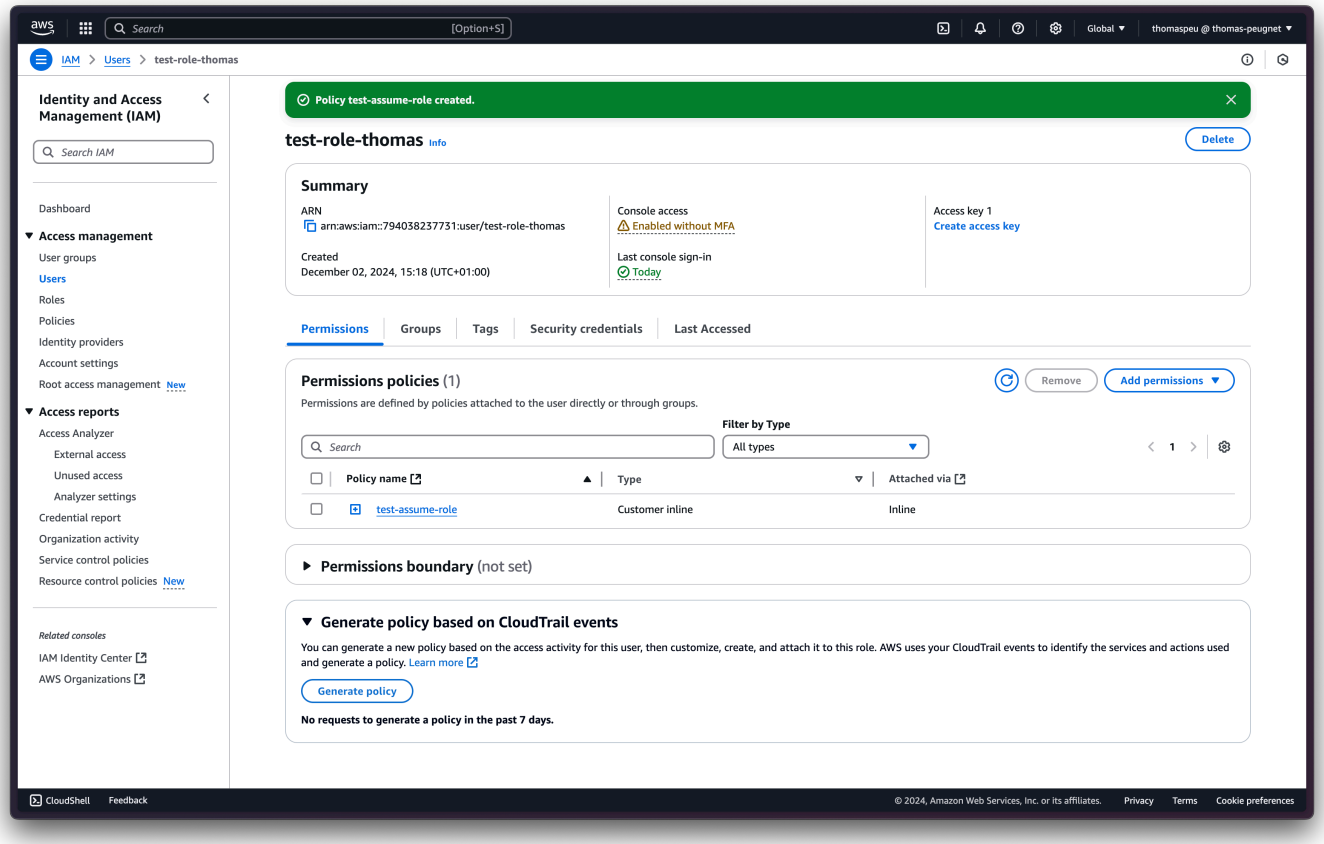
Nous n'avons pas accès au service S3.



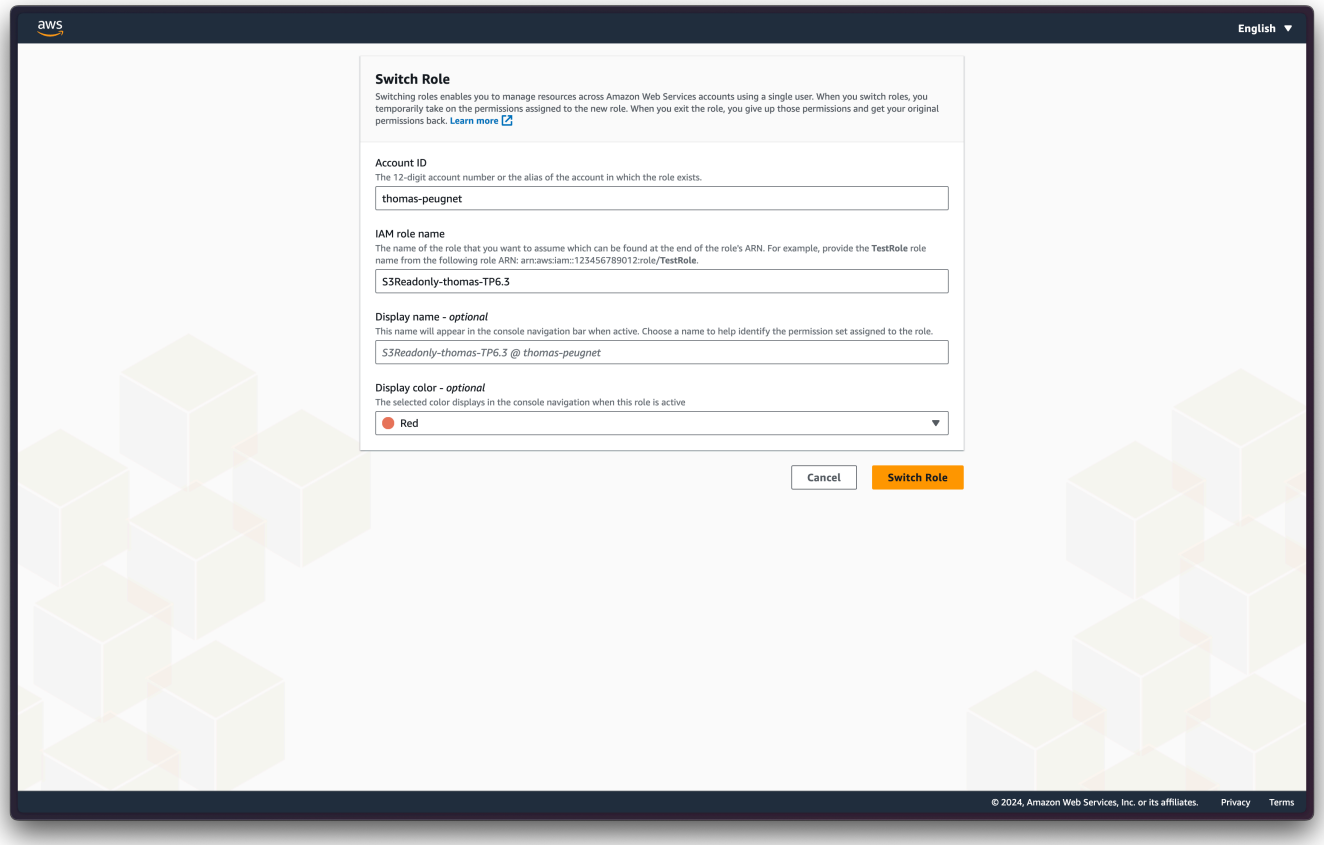
Nous créons la policy suivante.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Statement1",
      "Effect": "Allow",
      "Action": "sts:AssumeRole",
      "Resource": : "arn:aws:iam::794038237731:role/S3Readonly-thomas-TP6.3"
    }
  ]
}
```

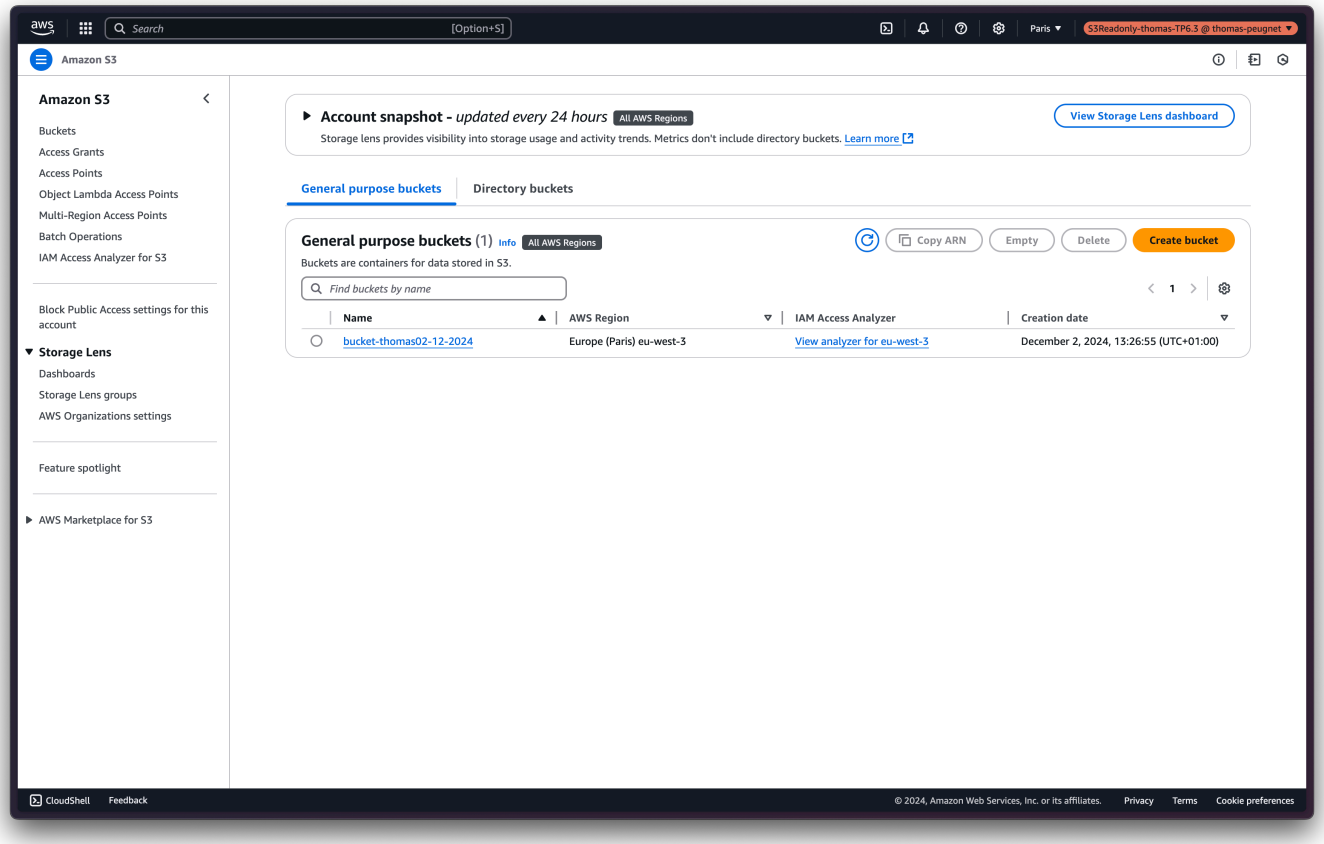
Nous créons la nouvelle policy.



Nous switchons de rôle.



Nous avons bien un accès en lecture seule.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