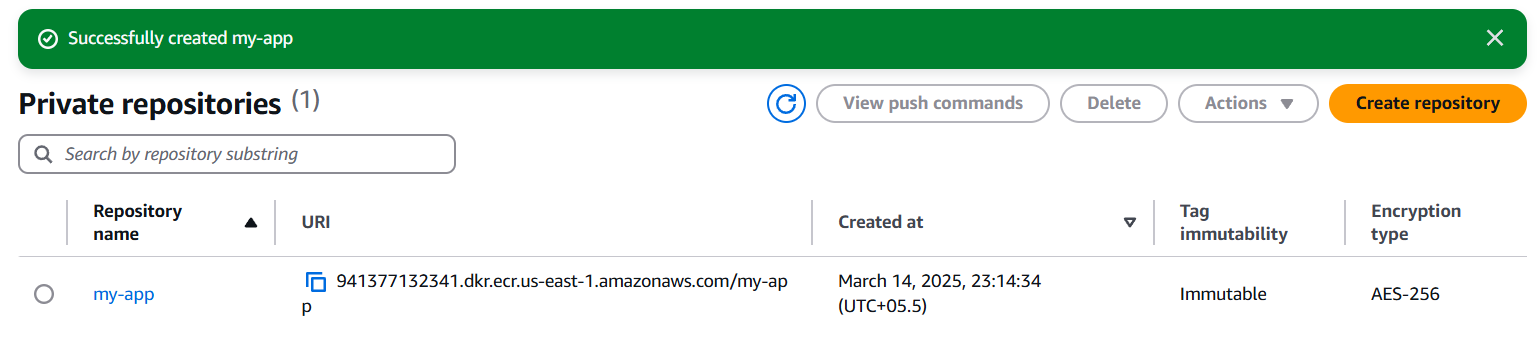
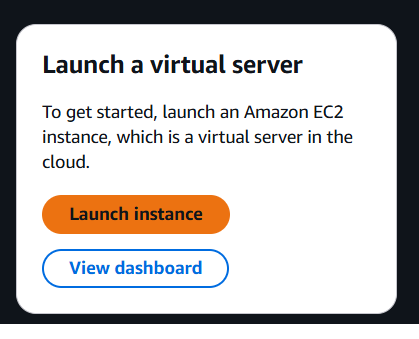
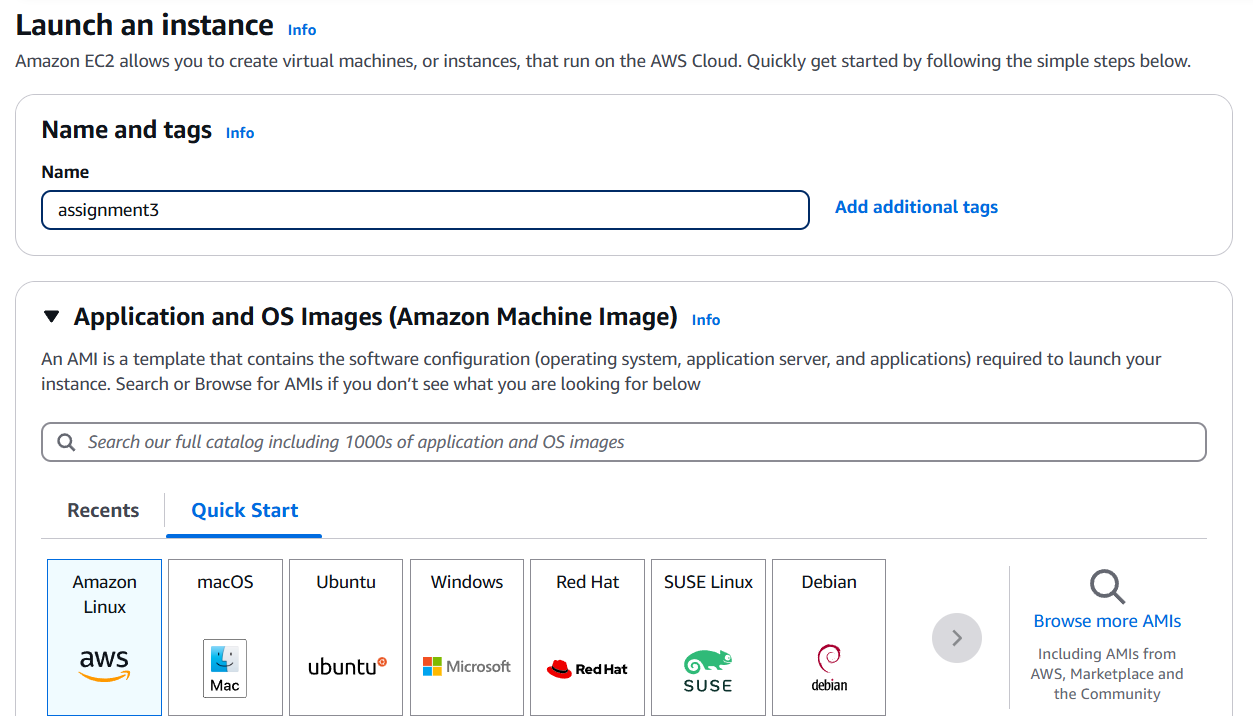
**Assignment 2**

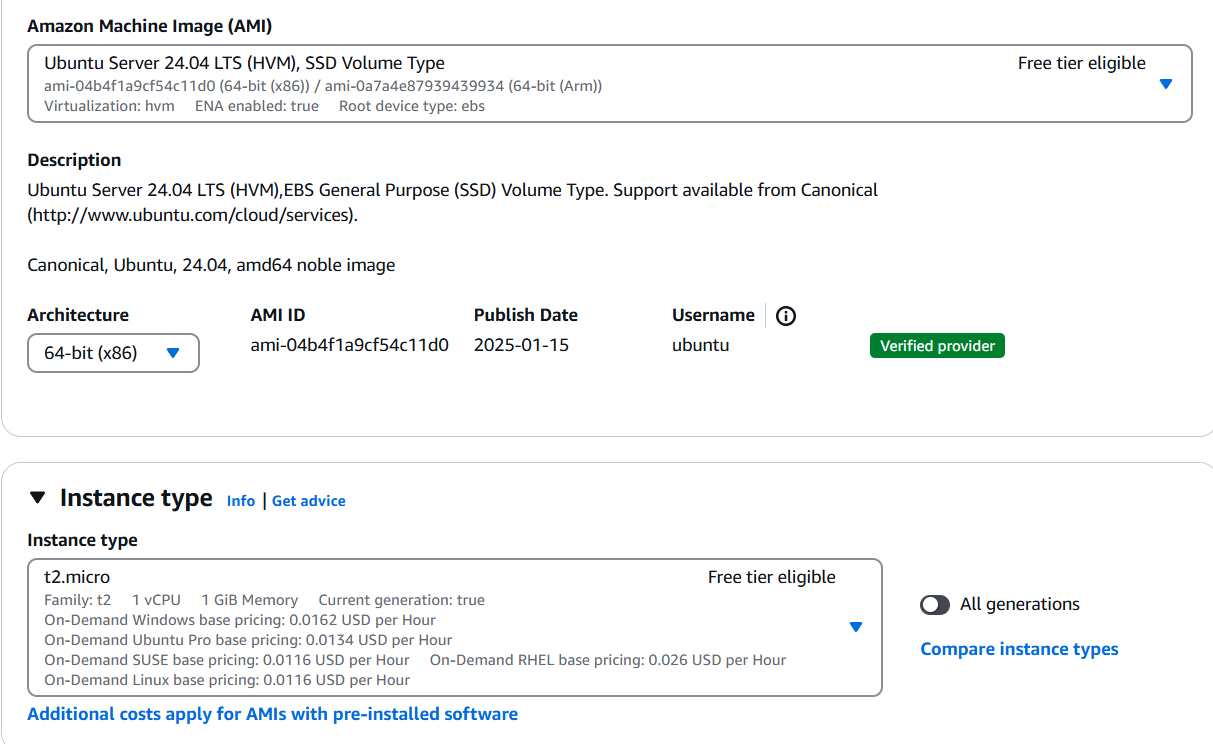
Create an AWS ECR Repository:

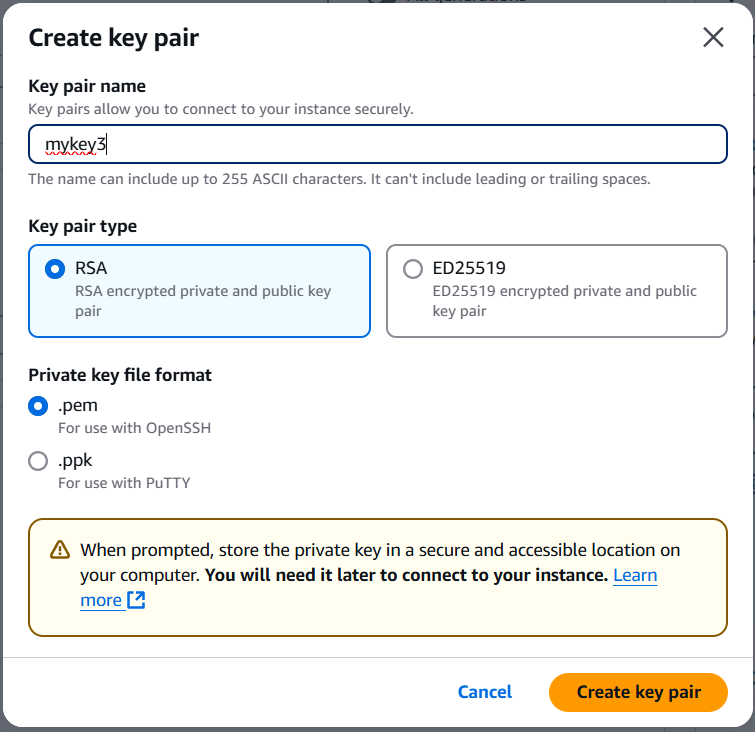


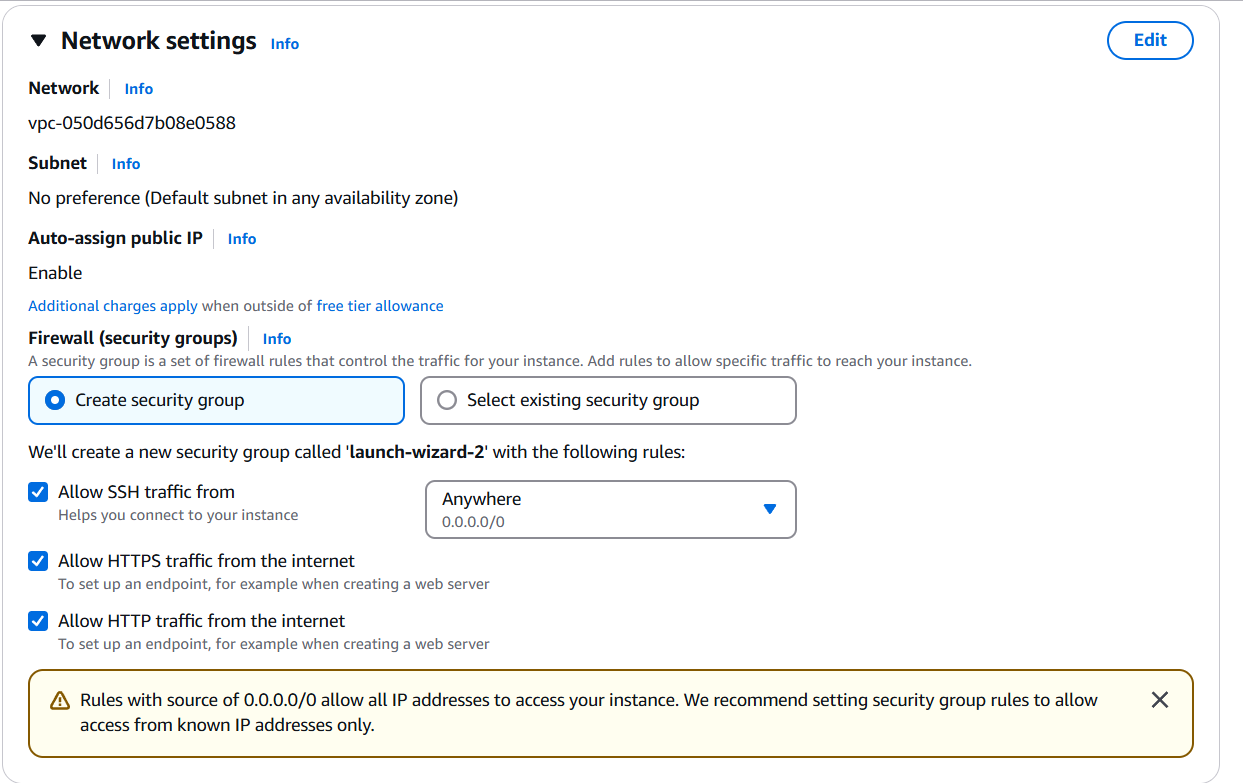
Set Up an AWS EC2 Instance:

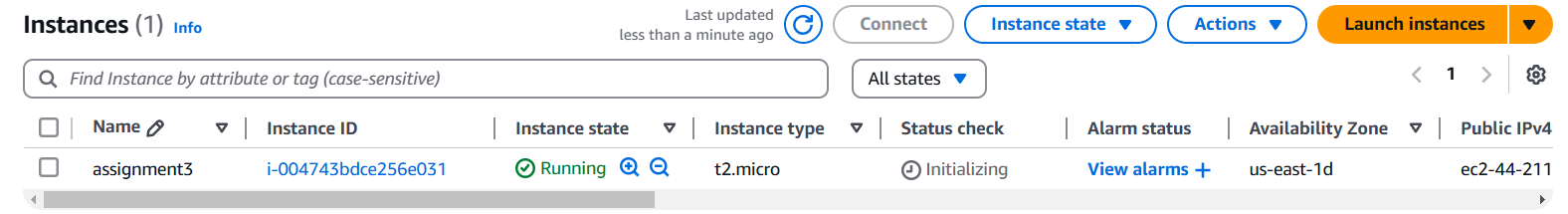


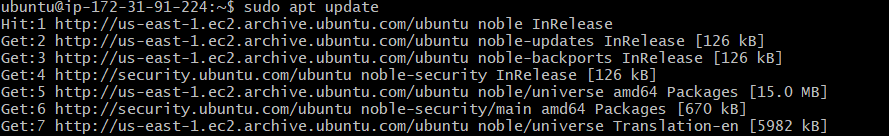


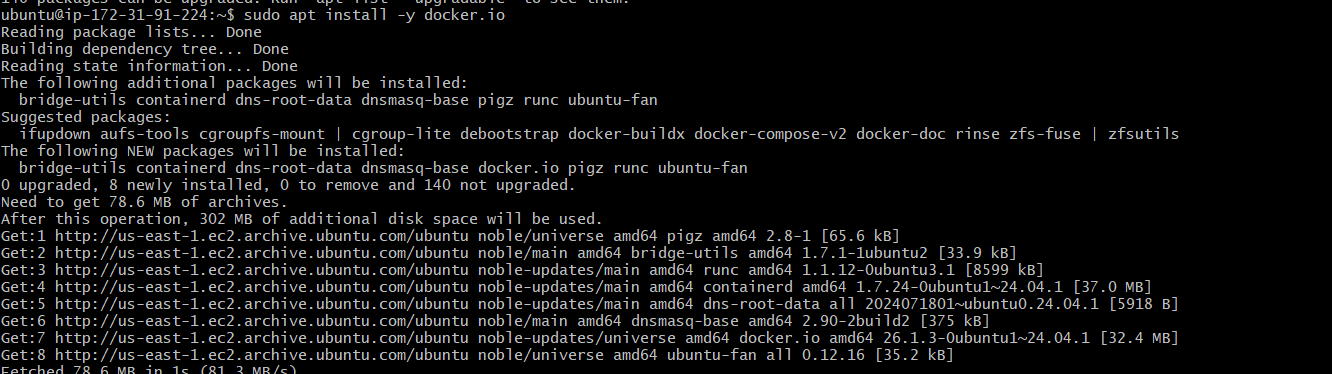




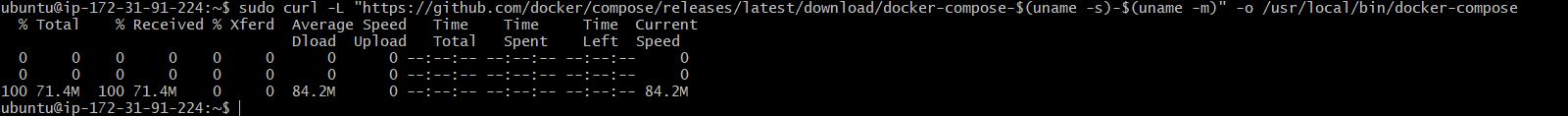




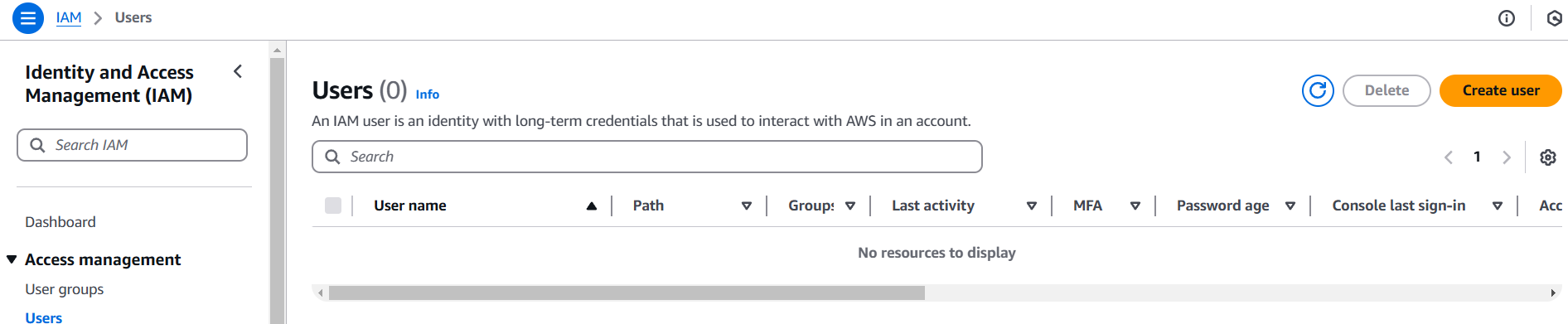


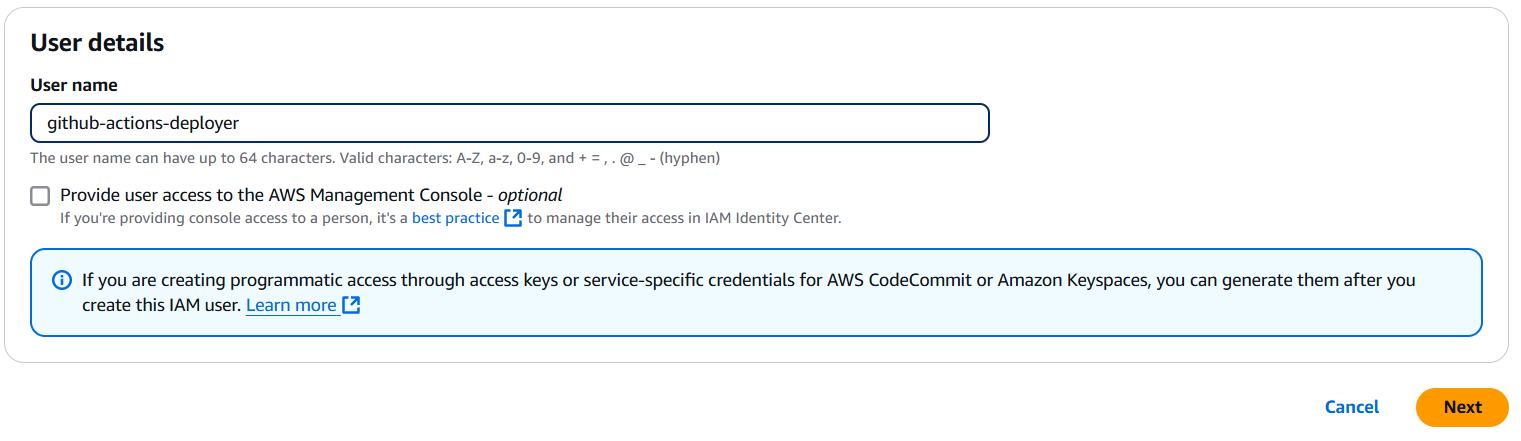


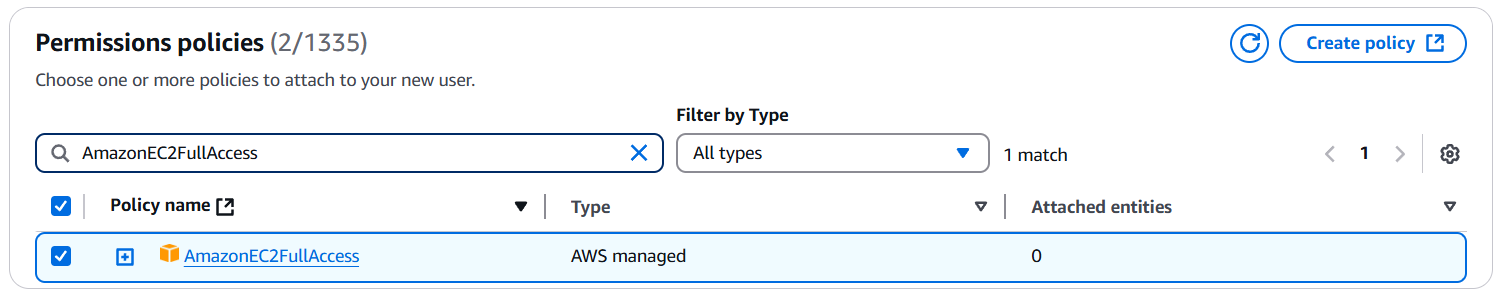


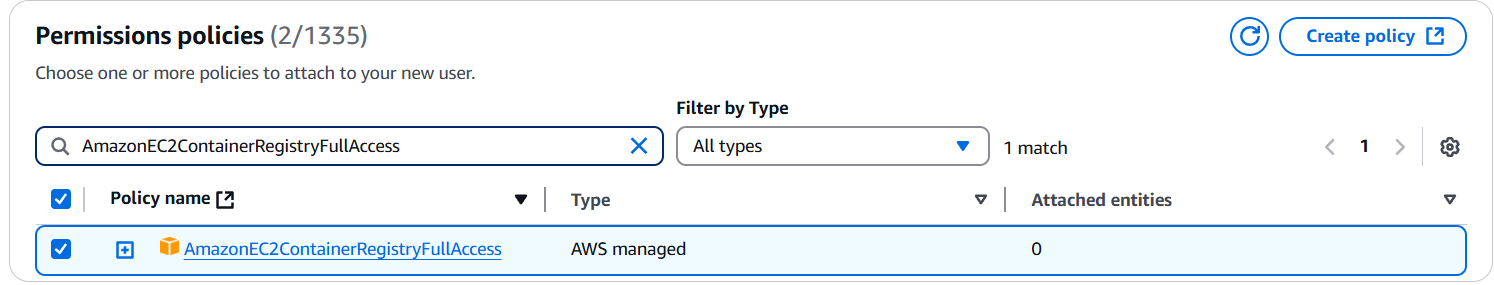


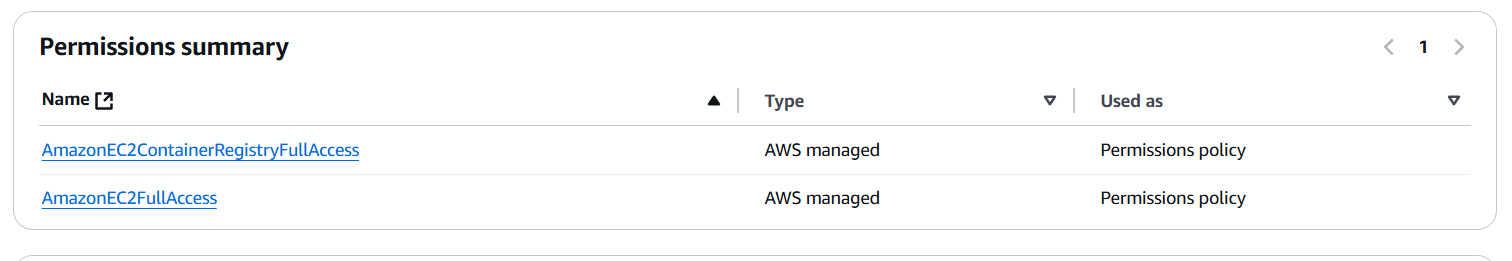
Configure IAM Permissions:

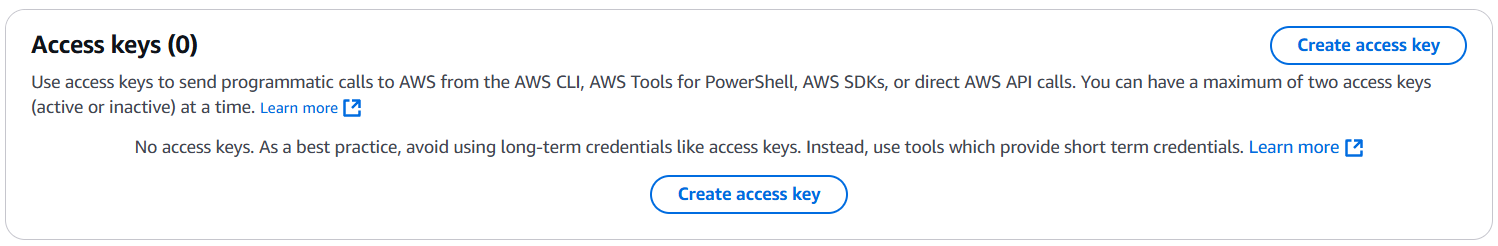


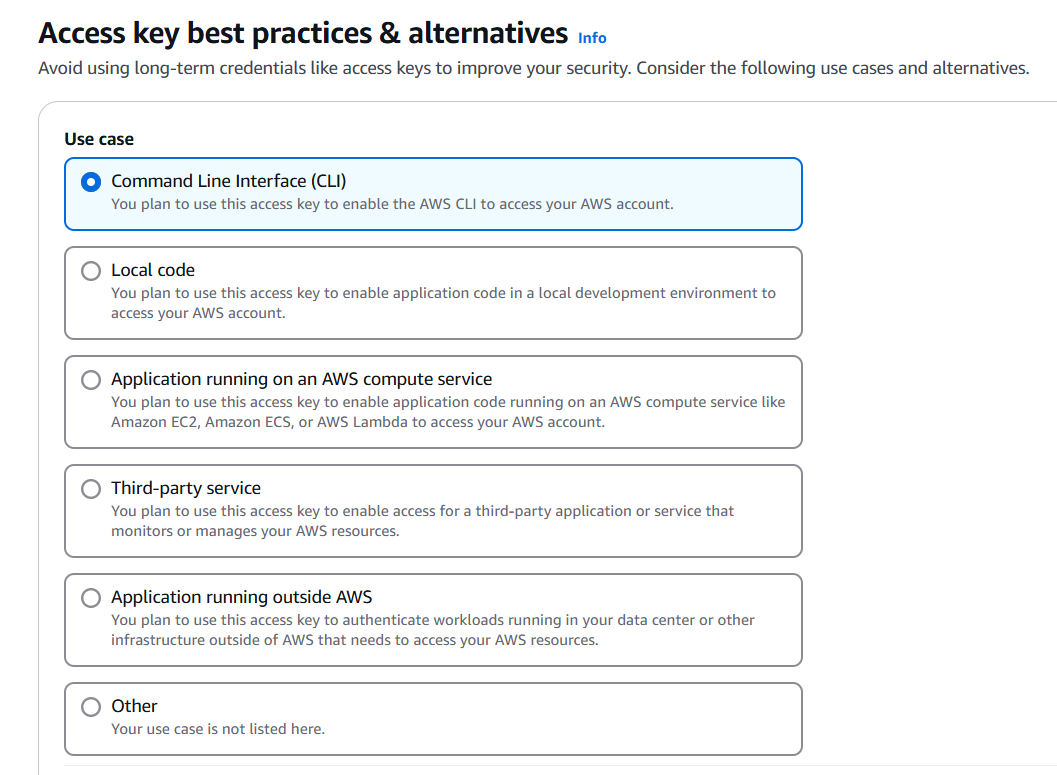


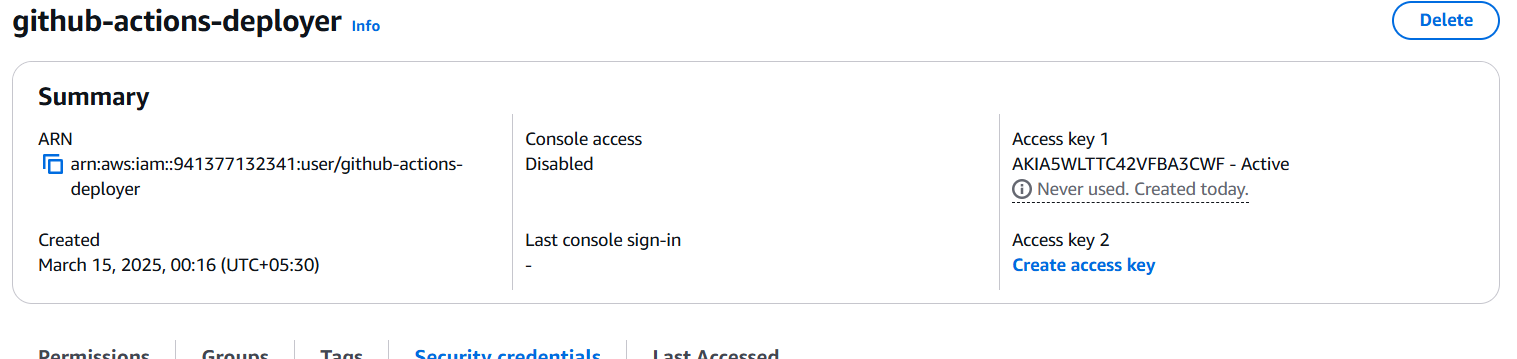








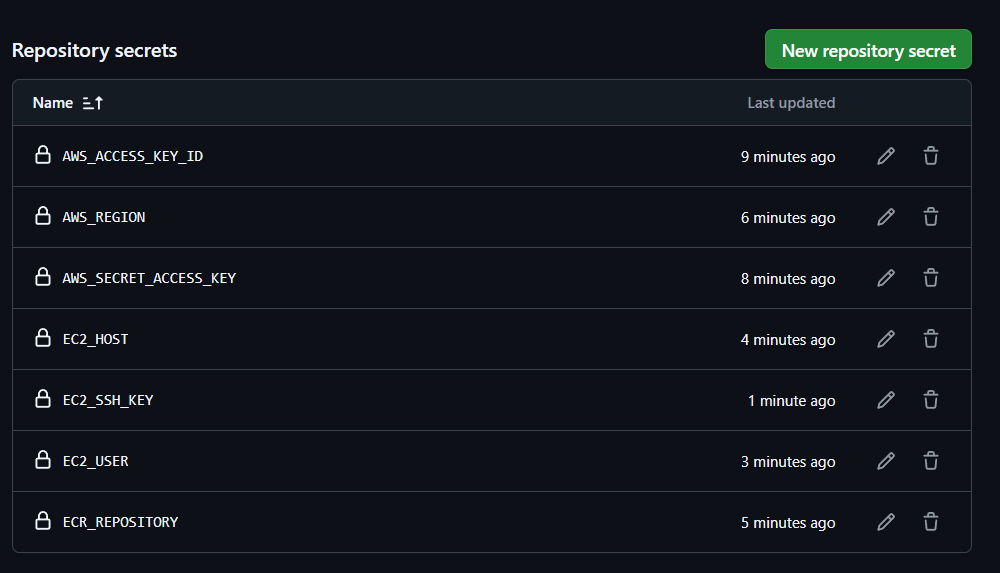




Store AWS Credentials in GitHub Secrets:

Add the following secrets:

* AWS\_ACCESS\_KEY\_ID
* AWS\_SECRET\_ACCESS\_KEY
* AWS\_REGION (e.g., us-east-1)
* ECR\_REPOSITORY (your ECR repo URI)
* EC2\_HOST (your EC2 public IP)
* EC2\_USER (usually ubuntu)
* EC2\_SSH\_KEY (your private SSH key, stored as a multi-line value)



Prepare Your GitHub Repository:

* dev.yaml
* staging.yaml
* prod.yaml

