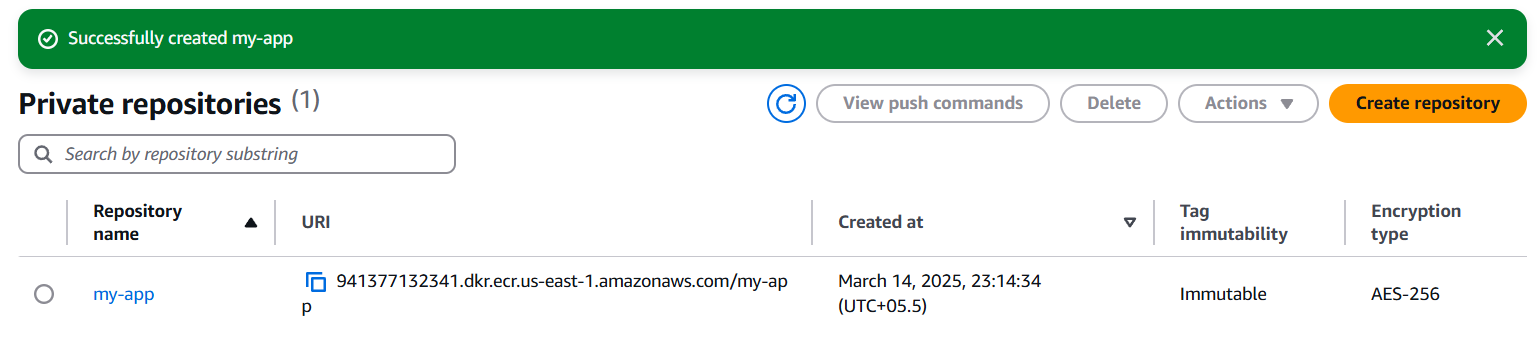
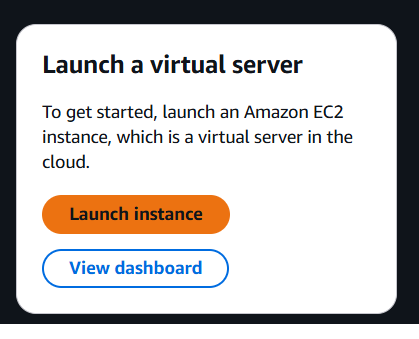
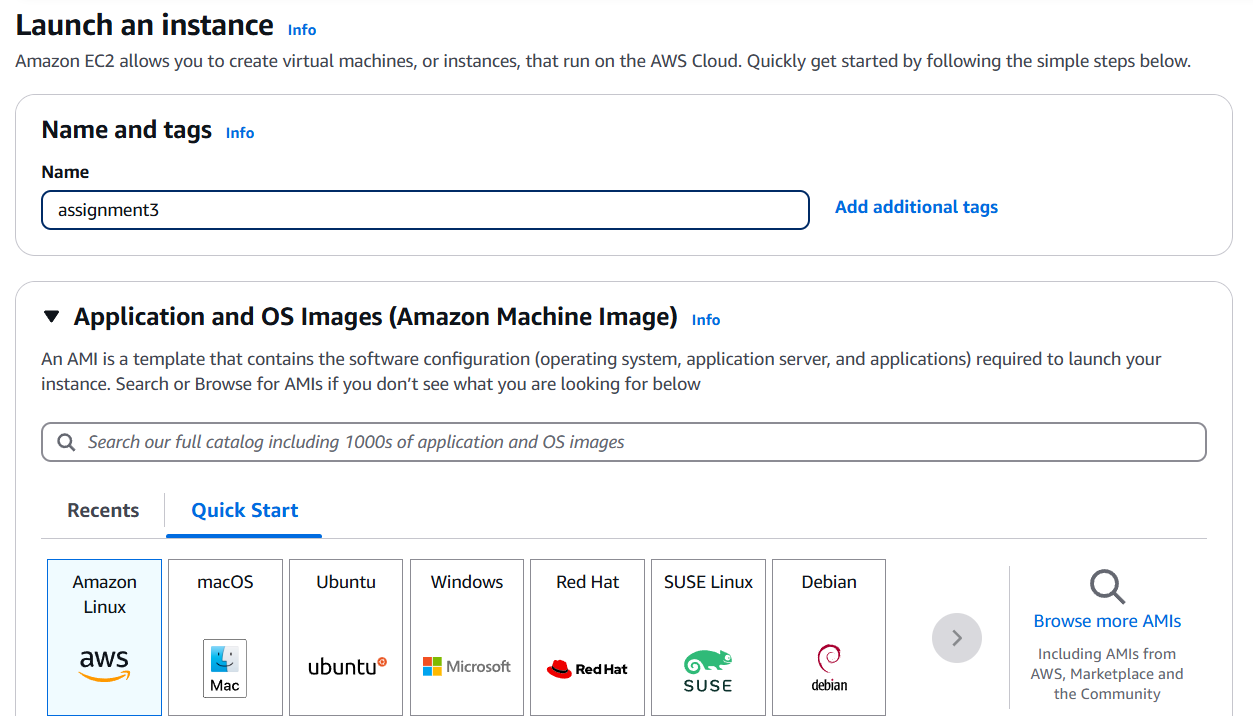
**Assignment 2**

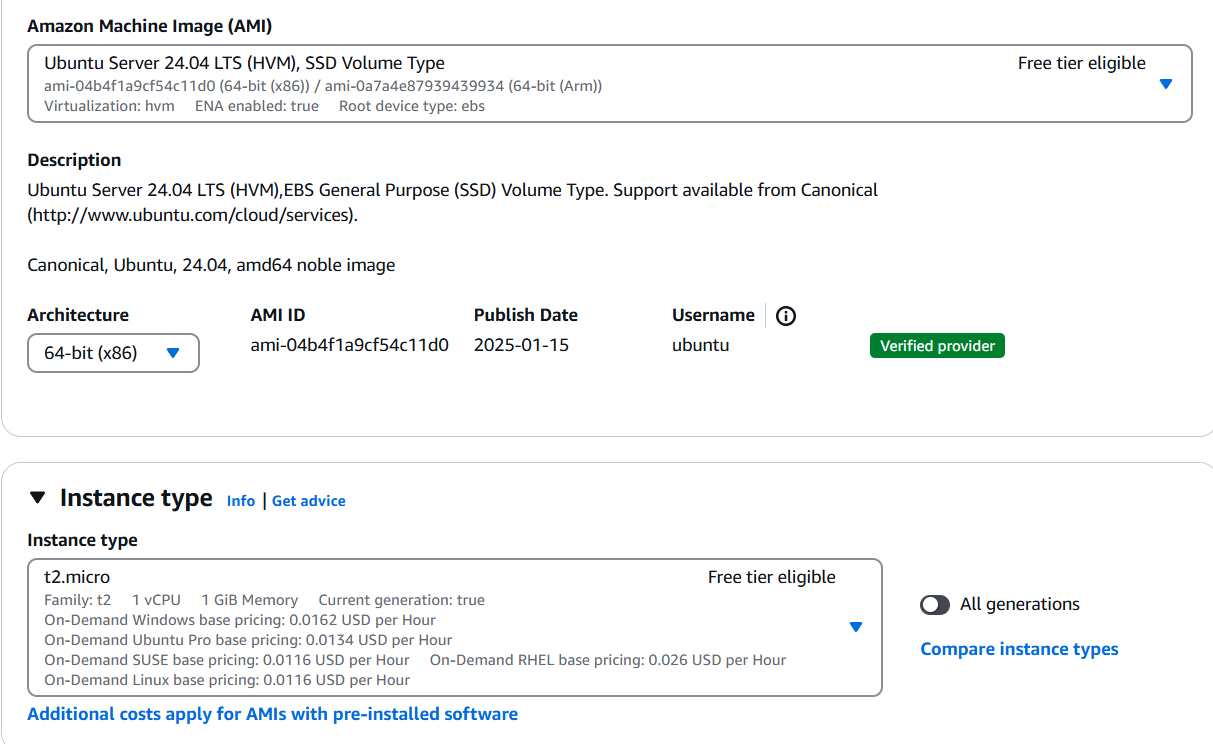
Create an AWS ECR Repository:

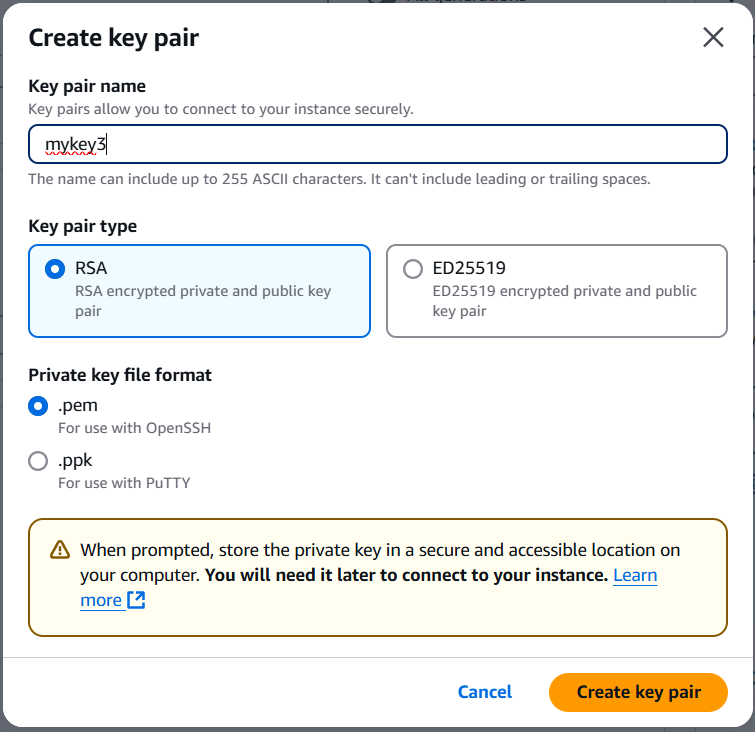


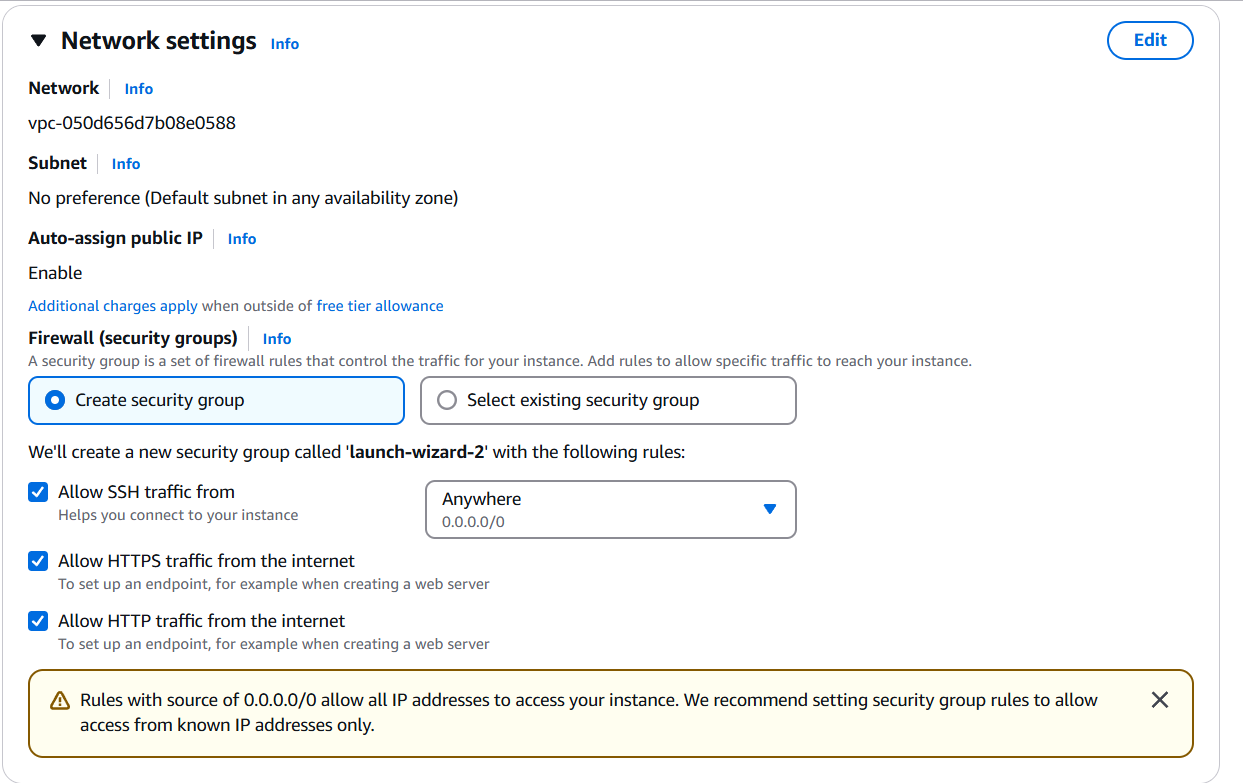
Set Up an AWS EC2 Instance:

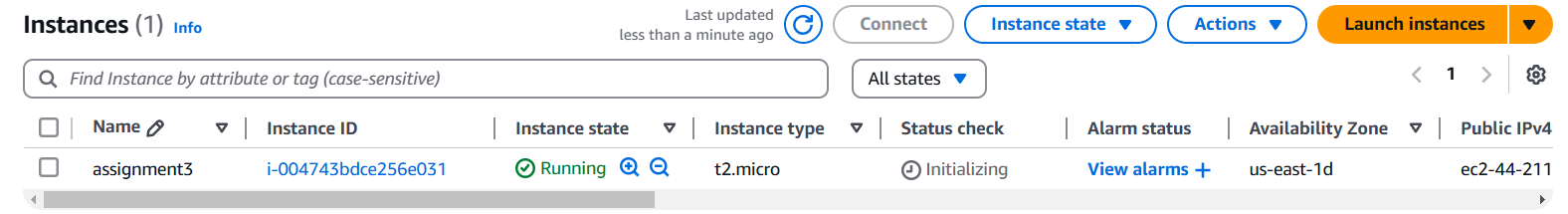


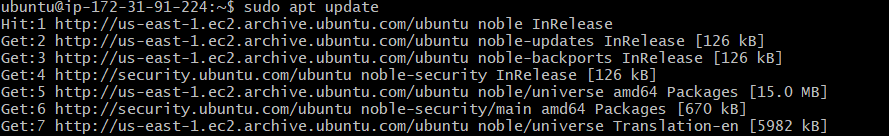


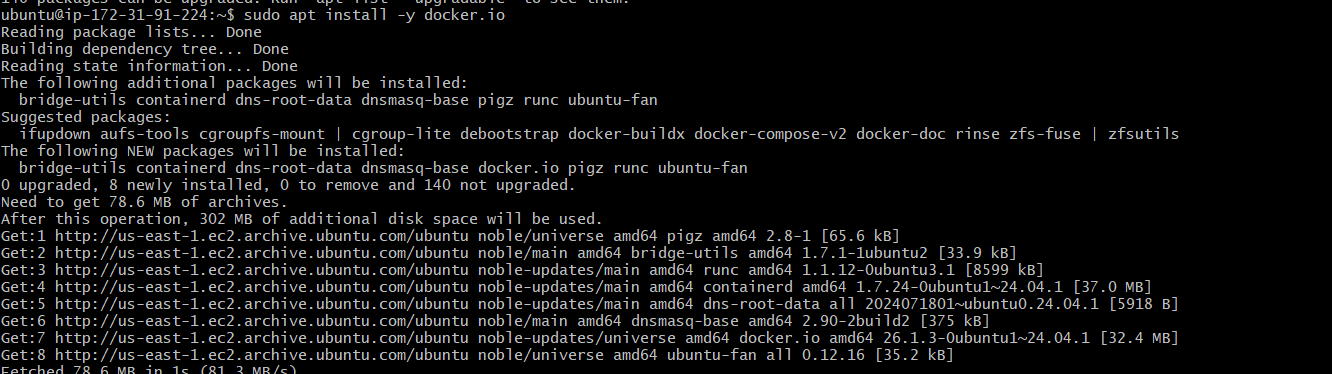




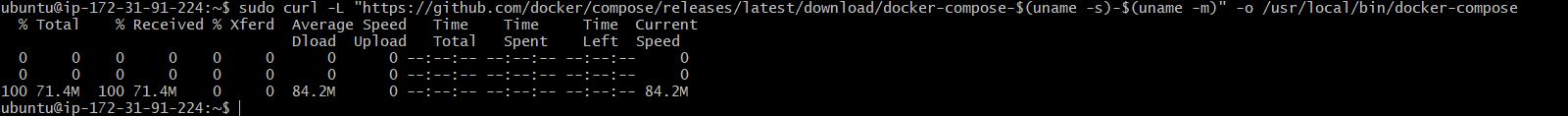




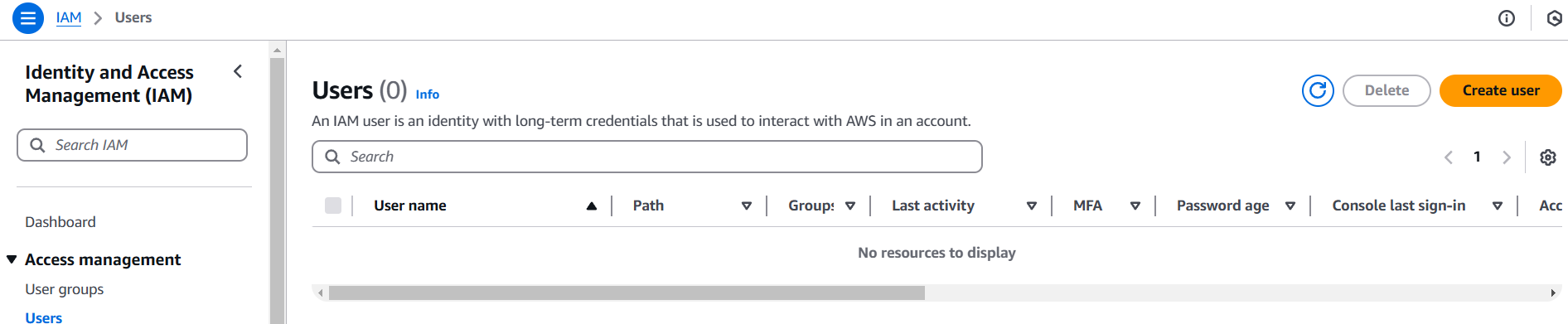


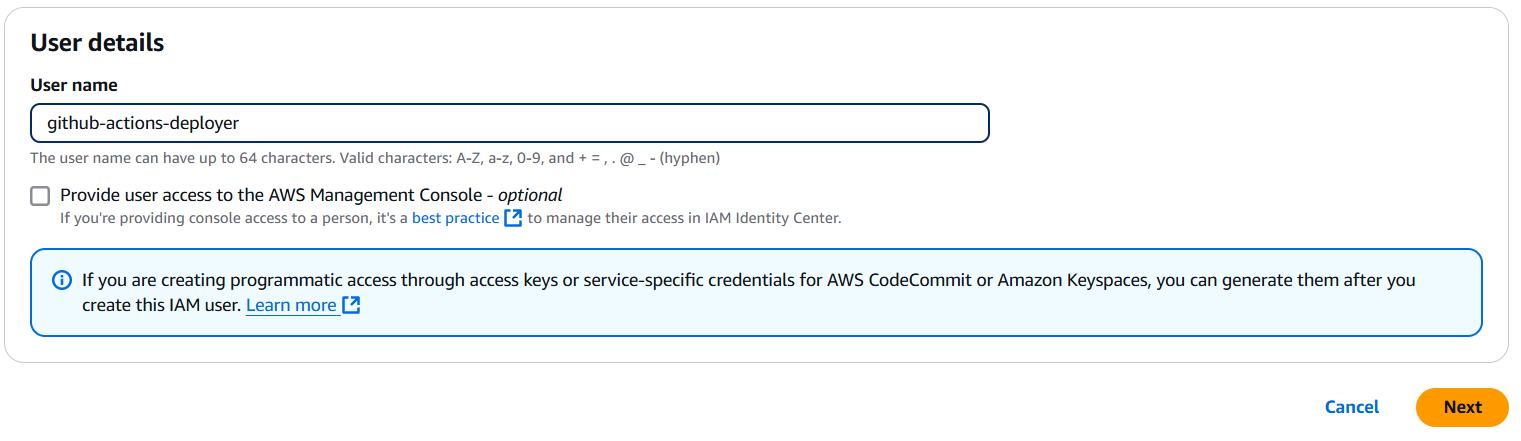


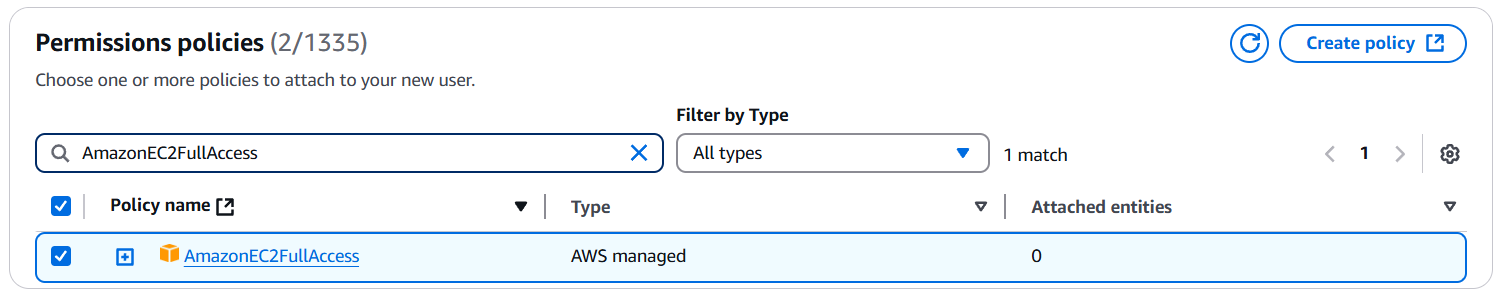


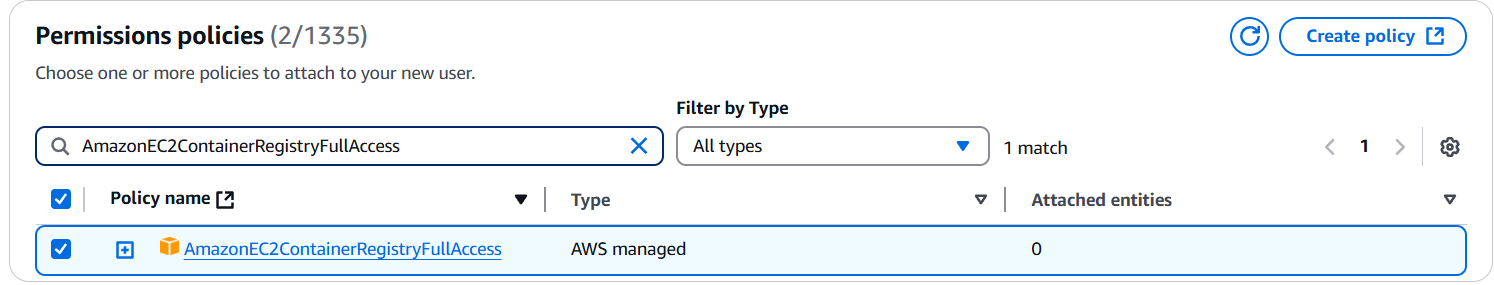


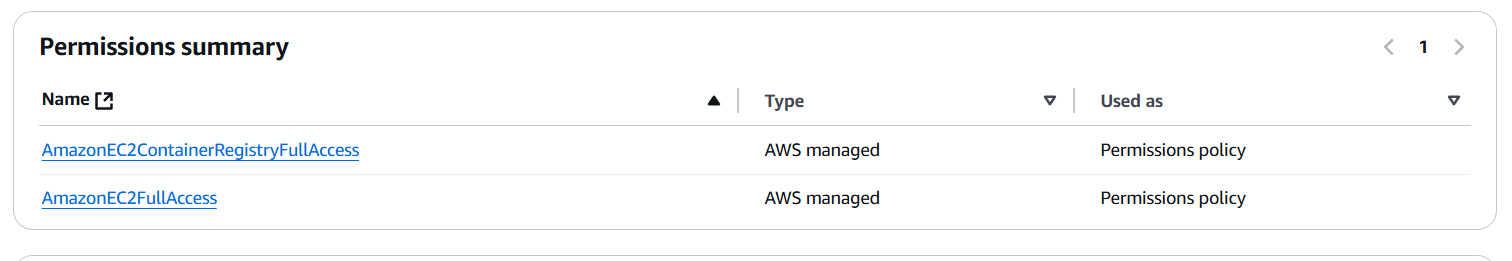
Configure IAM Permissions:

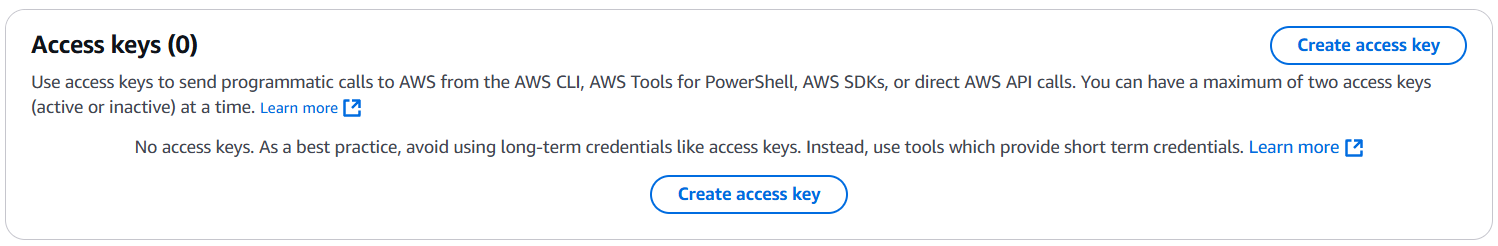


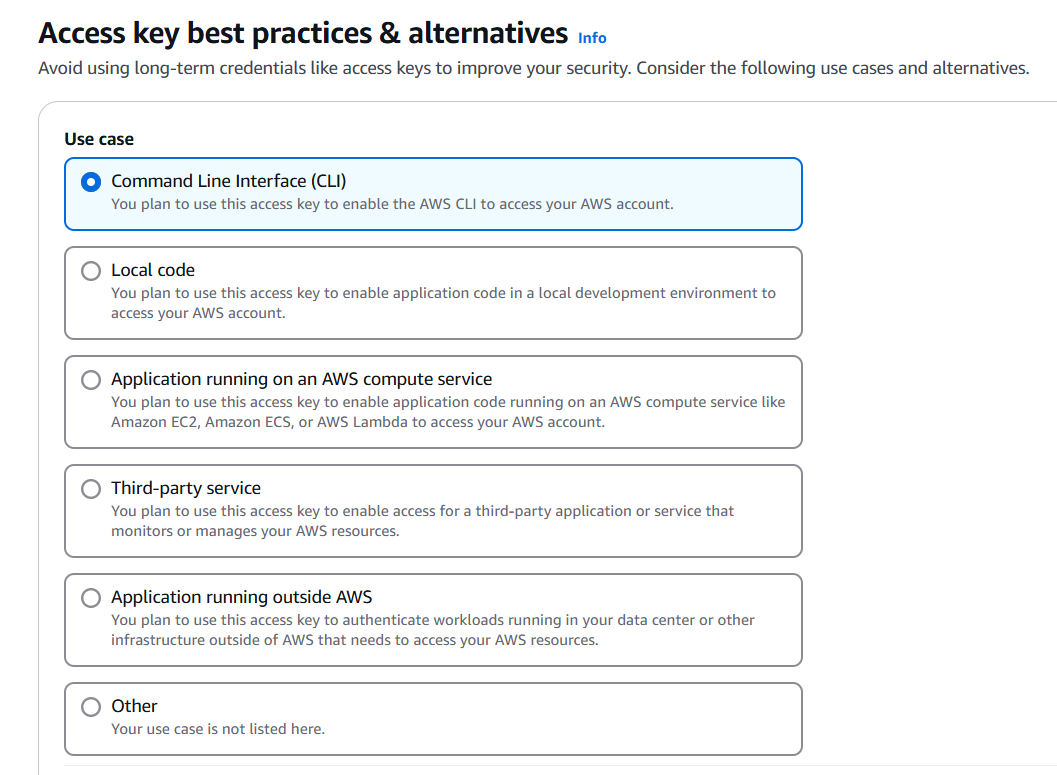


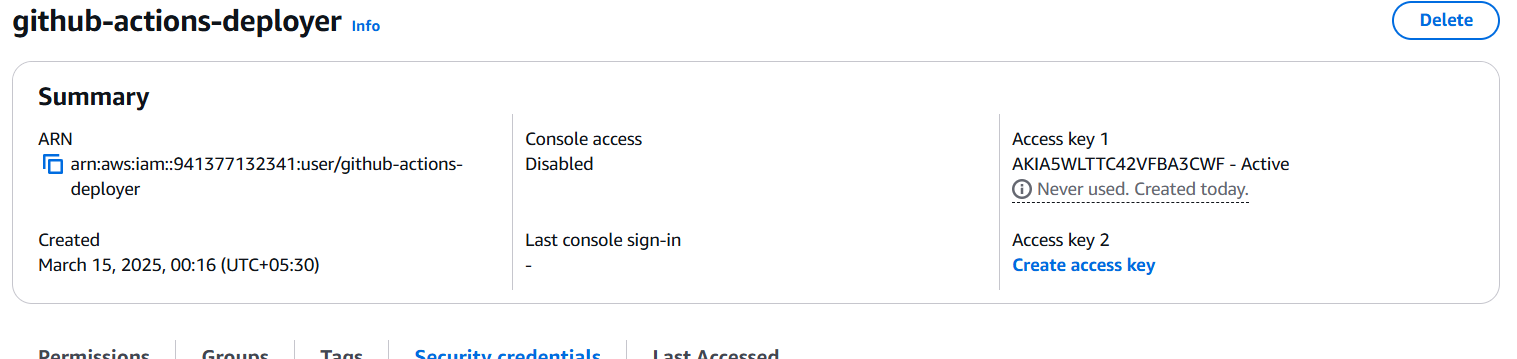












Store AWS Credentials in GitHub Secrets:

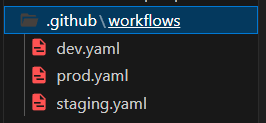
Add the following secrets:

* 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)
* AWS\_ACCOUNT\_ID

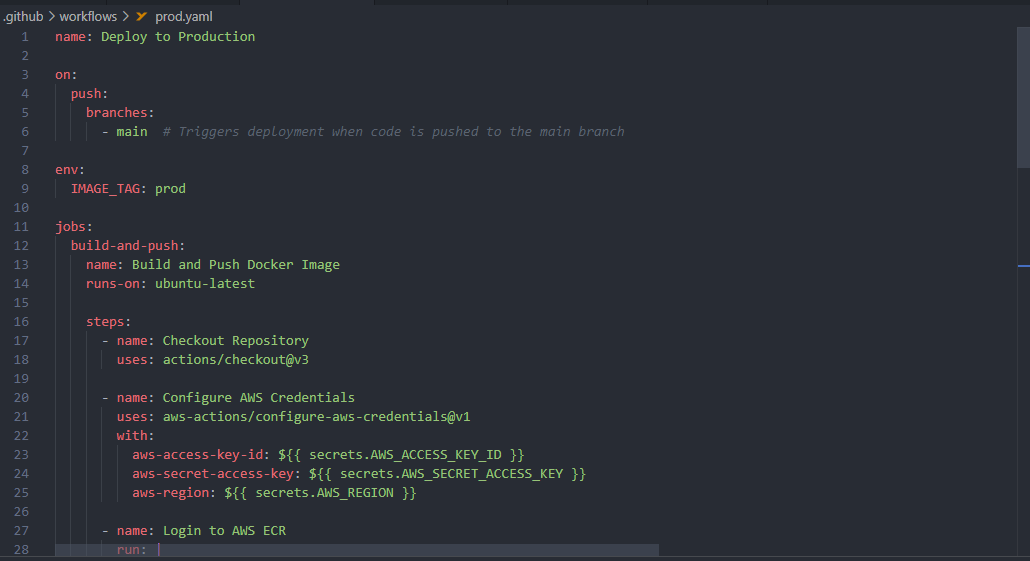


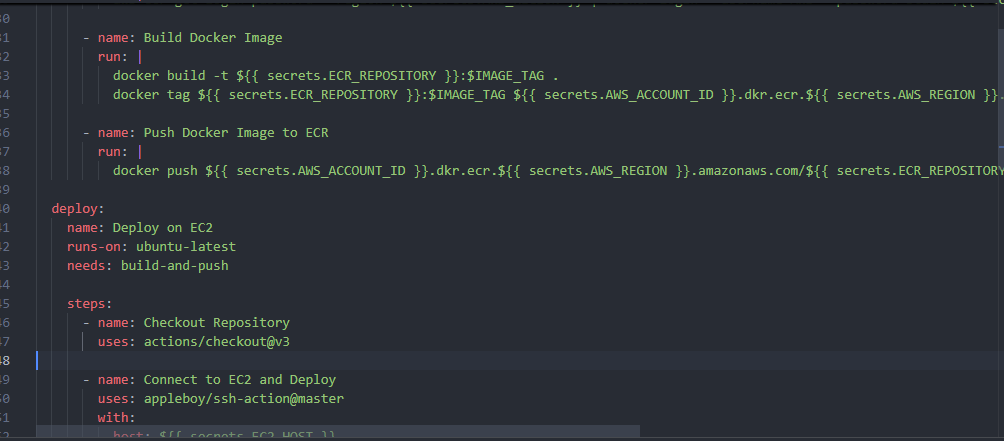
Prepare Your GitHub Repository:

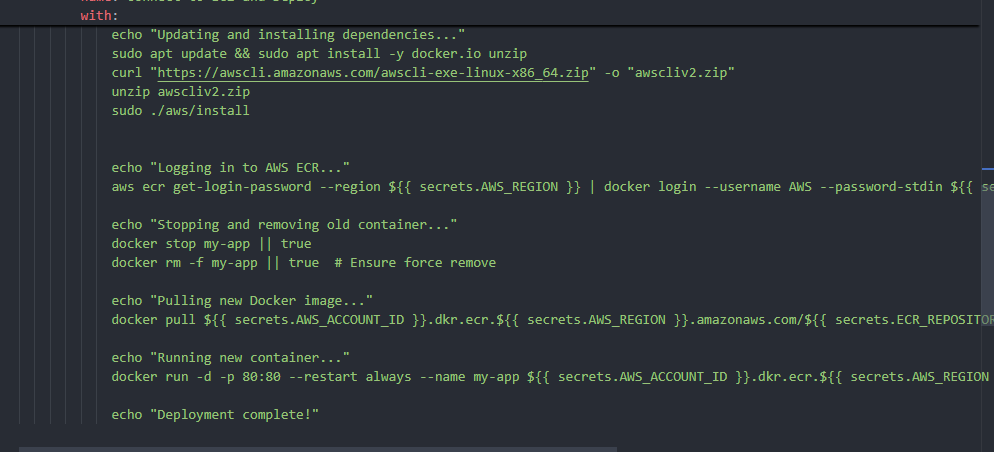
* dev.yaml
* staging.yaml
* prod.yaml



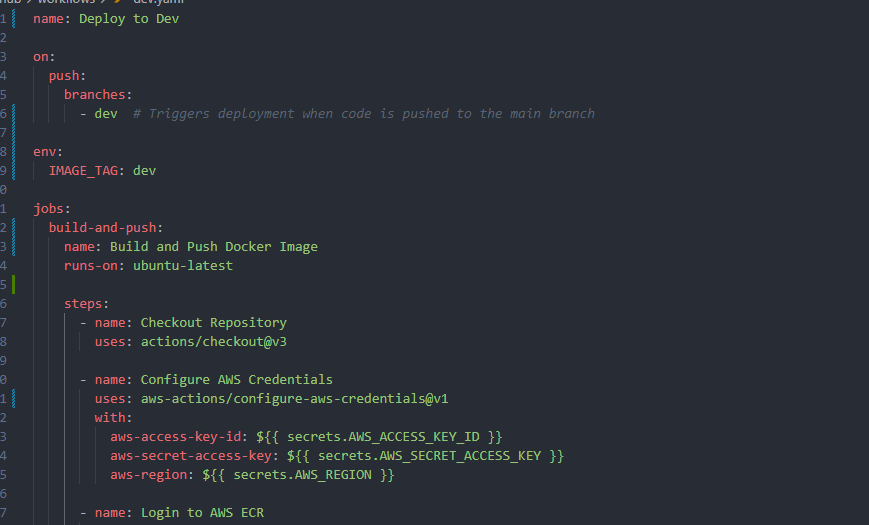
Prod.yaml file:

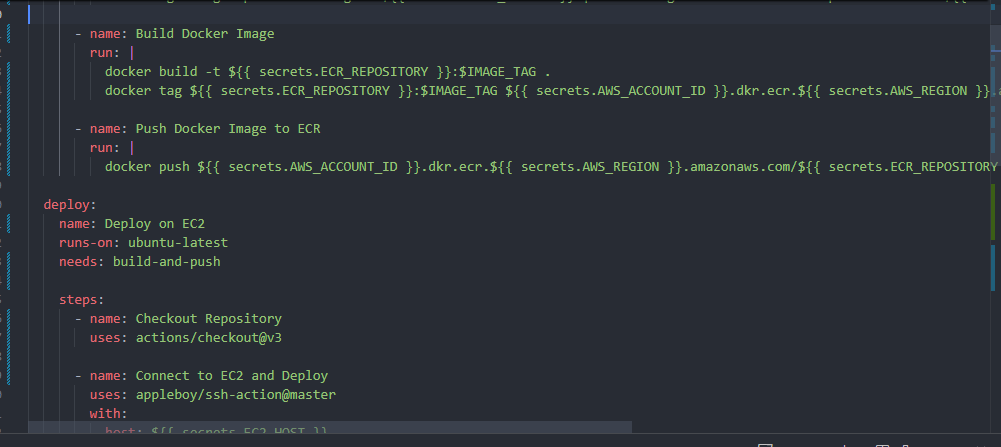


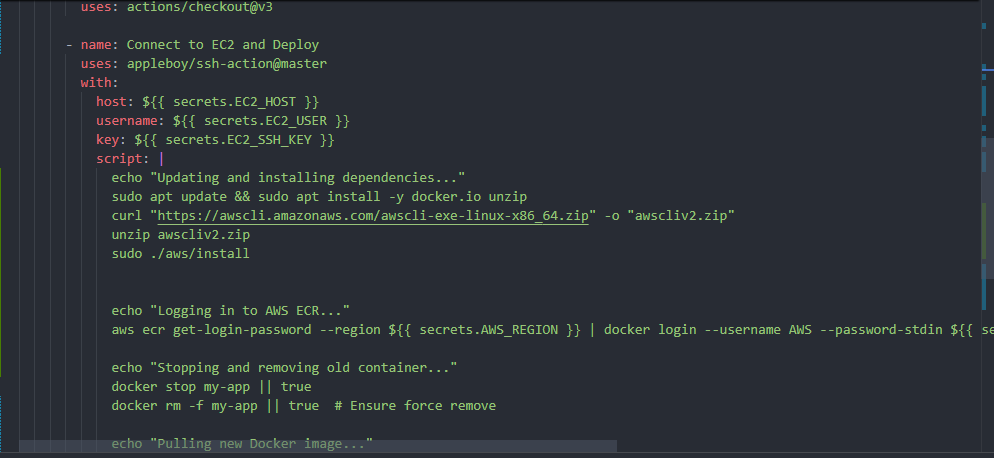


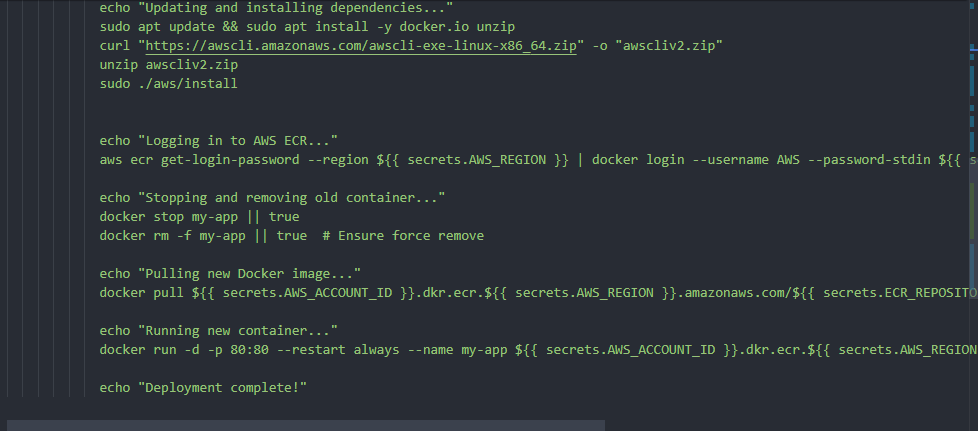


dev.yaml file:

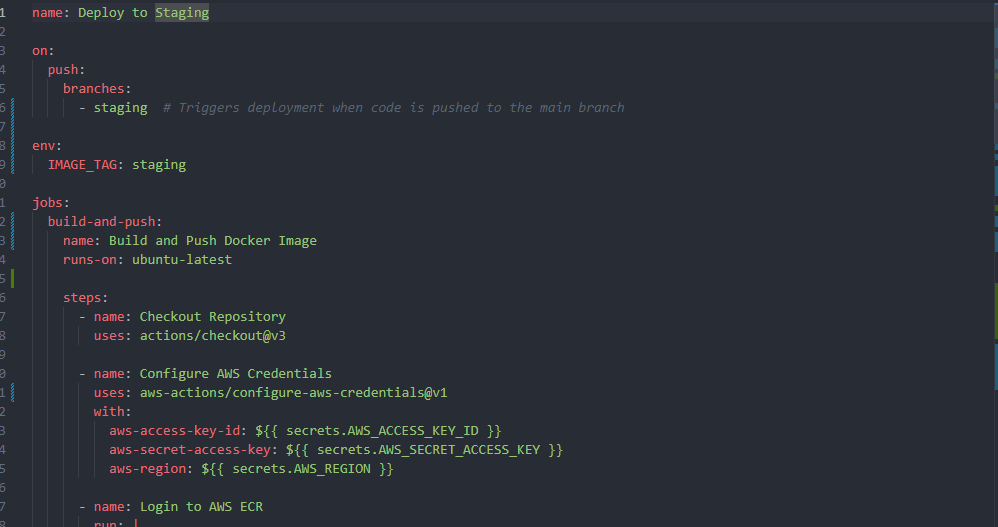


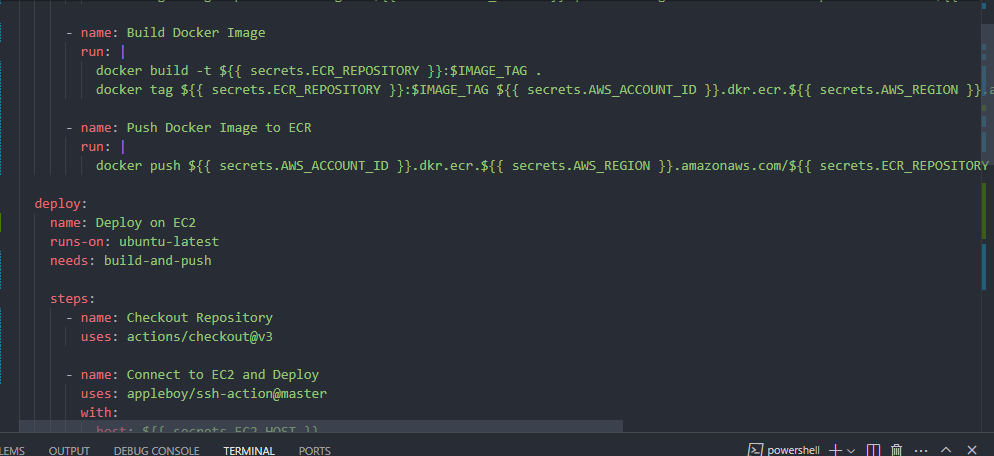






staging.yaml file:



z

