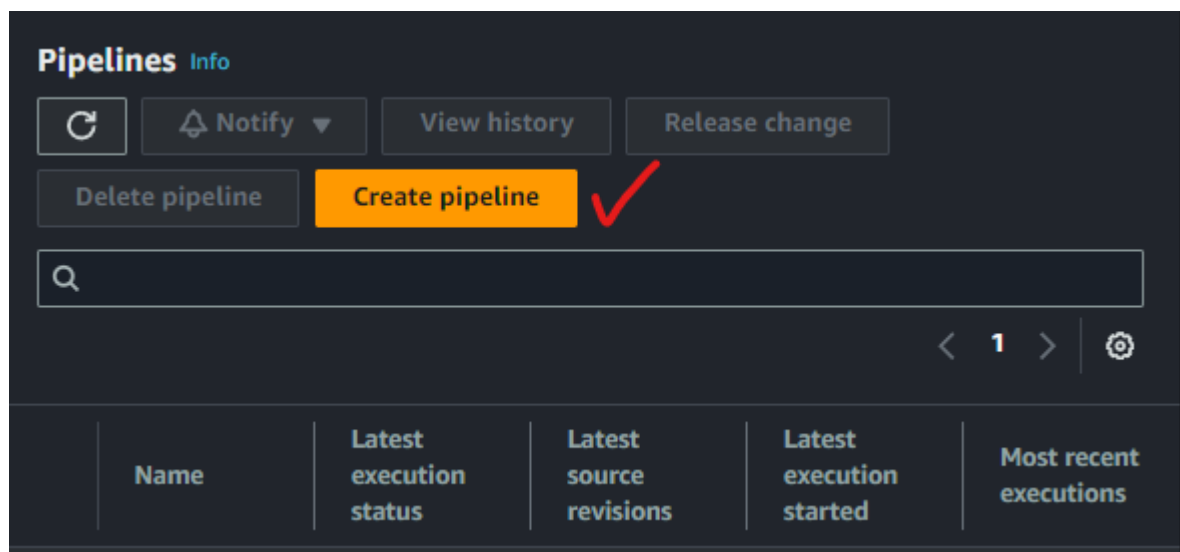```
ec2-user:~/environment/infraestructura-aws (master) $ git push codecommit::us-east-1://infraestructura-aws
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 1.33 KiB | 678.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Validating objects: 100%
To codecommit::us-east-1://infraestructura-aws
 * [new branch]   master -> master
```

4.  Configuramos el pipeline, en aws es codePipeline. Esto con el fin de que si se da un push, la infraestructura se desplegará automáticamente.



● Configuramos

- Preguntará la fuente del pipeline y seleccionamos codecommit
- El nombre del repositorio
- La rama

# Source

## Source provider

This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details.

AWS CodeCommit ▼

## Repository name

Choose a repository that you have already created where you have pushed your source code.

🔍 infraestructura-aws ✕

## Branch name

Choose a branch of the repository

🔍 master ✕

## Change detection options

Choose a detection mode to automatically start your pipeline when a change occurs in the source code.

○ **Amazon CloudWatch Events (recommended)**
Use Amazon CloudWatch Events to automatically start my pipeline when a change occurs

⦿ **AWS CodePipeline**
Use AWS CodePipeline to check periodically for changes

## Output artifact format

Choose the output artifact format.

⦿ **CodePipeline default**
AWS CodePipeline uses the default zip format for artifacts in the pipeline. Does not include Git metadata about the repository.

○ **Full clone**
AWS CodePipeline passes metadata about the repository that allows subsequent actions to do a full Git clone. Only supported for AWS CodeBuild actions.

Cancel          Previous          Next

Para el deploy:

- AWS Cloudformation
- La región
- Create or update a stack
- Stack name: Según cómo esté configurado en el template, como el archivo base se llamó **aws-stack** se utiliza este nombre.

## Deploy

**Deploy provider**
Choose how you deploy to instances. Choose the provider, and then provide the configuration details for that provider.

AWS CloudFormation ▼

**Region**

US East (N. Virginia) ▼

**Action mode**
When you update an existing stack, the update is permanent. When you use a change set, the result provides a diff of the updated stack and the original stack before you choose to execute the change.

Create or update a stack ▼

**Stack name**
If you are updating an existing stack, choose the stack name.

Q  aws-stack                                        ✕

**Template**
Specify the template you uploaded to your source location.
**Artifact name**

SourceArtifact ▼

**File name**

network.yml

- Más abajo pedirá un rol, por lo que tocará crearlo.

# Select trusted entity Info

## Trusted entity type

- **AWS service**
  Allow AWS services like EC2, Lambda, or others to perform actions in this account.

- **AWS account**
  Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.

- **Web identity**
  Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.

- **SAML 2.0 federation**
  Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.

- **Custom trust policy**
  Create a custom trust policy to enable others to perform actions in this account.

## Use case
Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

### Service or use case

CloudFormation ▼

Choose a use case for the specified service.

Use case

- **CloudFormation**
  Allows CloudFormation to create and manage AWS stacks and resources on your behalf.

- Nombre: RolePipeline
- Los servicios:

Continuamos con la configuración del Pipeline y next



Ya quedó configurado

- Se agrega el archivo del repositorio de github del profesor para completar los templates. Se debe crear un role IAM, se configura el usuario de parameter store (ya no es admin si no **root**)

El rol será **ec2RoleWs**

- Se vuelven a subir los cambios con el push

**git push codecommit::us-east-1://infraestructura-aws**

## Execution history Info

| Rerun | Stop execution | View details | **Release change** |

🔍

< **1** > ⚙️

| | Execution ID | Status | Source revisions | Trigger | Started |
|---|---|---|---|---|---|
| ○ | 12d2af9c | ⊘ Succeeded | **Source –** 0d418aec: [ADD] cambios en rol | **PollForSour ceChanges** - Source | May 29, 2024 4:22 PM (UTC-5:00) |
| ○ | 42594837 | ⊘ Succeeded | **Source –** 612eb35d: [ADD] aplication.y ml y db | **PollForSour ceChanges** - Source | May 29, 2024 4:08 PM (UTC-5:00) |
| ○ | 4e11778d | ⊘ Succeeded | **Source –** 030240b0: [ADD] Configuraci on de capa de red | **PollForSour ceChanges** - Source | May 29, 2024 2:59 PM (UTC-5:00) |