

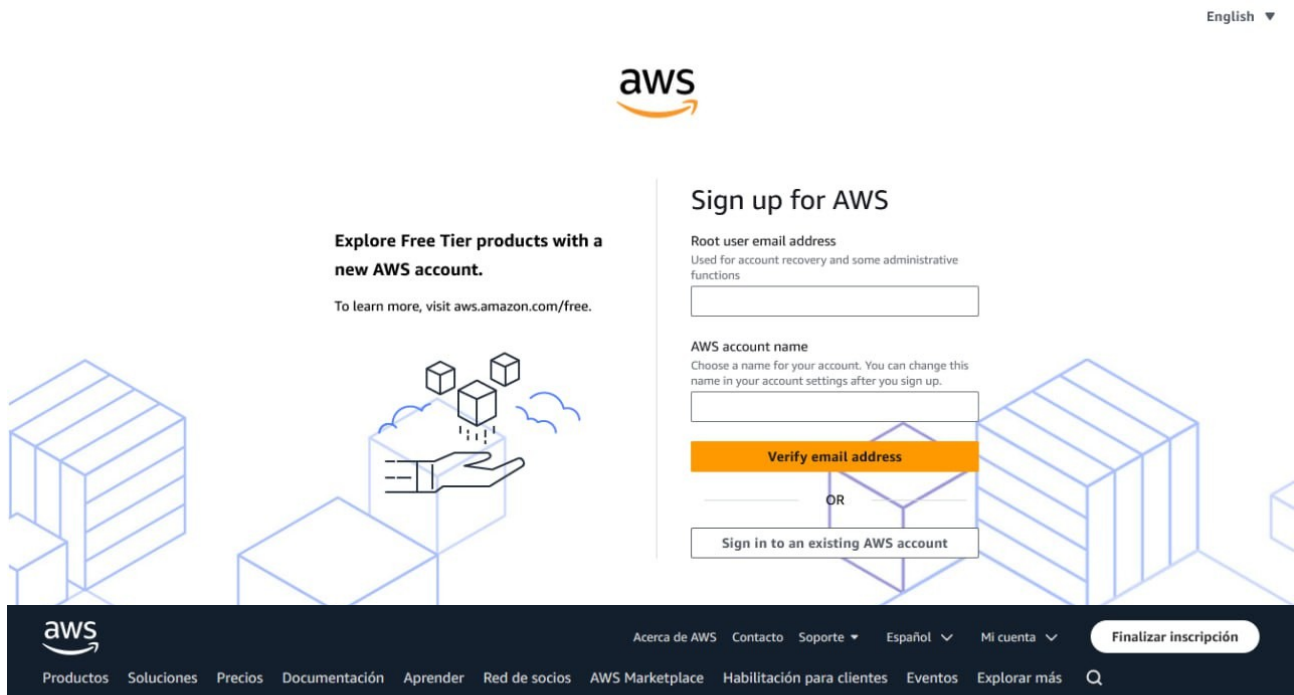
## Desafío 7

### Creación de cuenta + Gestión de Usuarios y Roles en AWS

#### Objetivo:

Este ejercicio proporciona la experiencia práctica en la creación y gestión de usuarios y roles en AWS. Se aprenderá a utilizar AWS IAM para gestionar el acceso y los permisos, creando un entorno seguro y controlado para administrar sus recursos en AWS

#### 1. Crear una Cuenta de AWS:



The screenshot shows the AWS 'Sign up for AWS' page. At the top right, there is a language selector set to 'English'. The main heading is 'Sign up for AWS'. Below it, there are two input fields: 'Root user email address' (with a note 'Used for account recovery and some administrative functions') and 'AWS account name' (with a note 'Choose a name for your account. You can change this name in your account settings after you sign up.'). An orange button labeled 'Verify email address' is positioned below the email field. Below this, there is an 'OR' separator and a link 'Sign in to an existing AWS account'. To the left of the sign-up form, there is a promotional banner for 'Explore Free Tier products with a new AWS account.' with a link to 'aws.amazon.com/free'. The background features a blue line-art illustration of a hand placing a cube on a stack of cubes. At the bottom, there is a dark blue navigation bar with the AWS logo, a search bar, and various links like 'Productos', 'Soluciones', 'Precios', etc. A 'Finalizar inscripción' button is also present in the top right of the main content area.



## ¡Felicitaciones!

Gracias por registrarse en AWS.

Estamos activando la cuenta. Tardaremos solo unos minutos. Recibirá un correo electrónico cuando hayamos acabado.

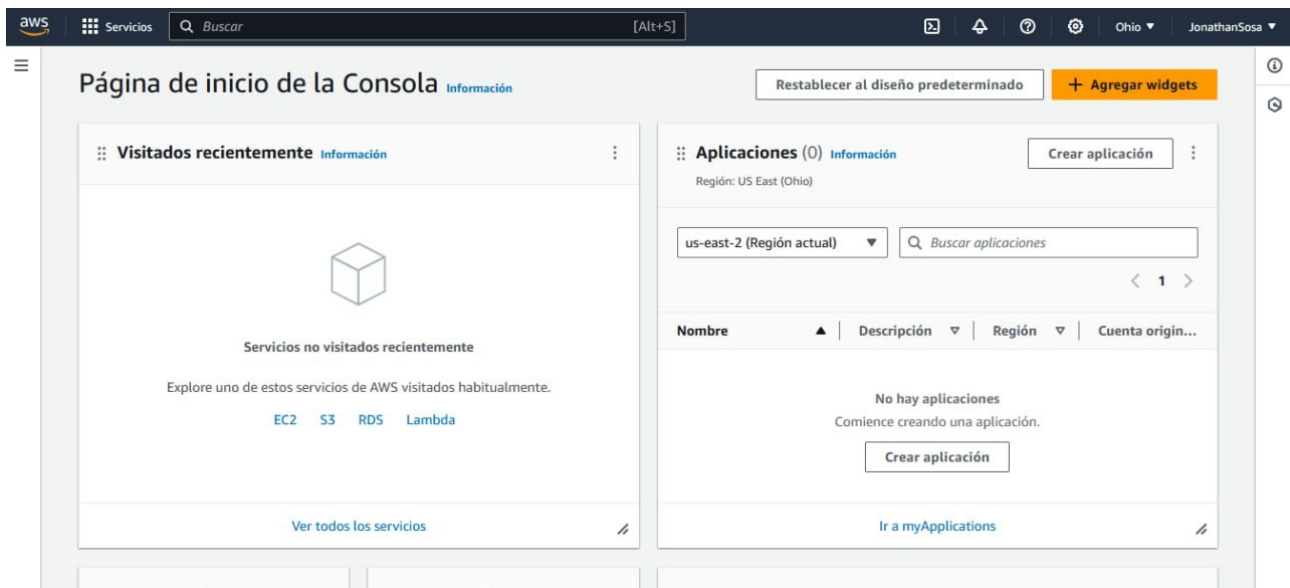
[Ir a la consola de administración de AWS](#)

[Registrarse en otra cuenta](#) o [contactar con ventas](#)

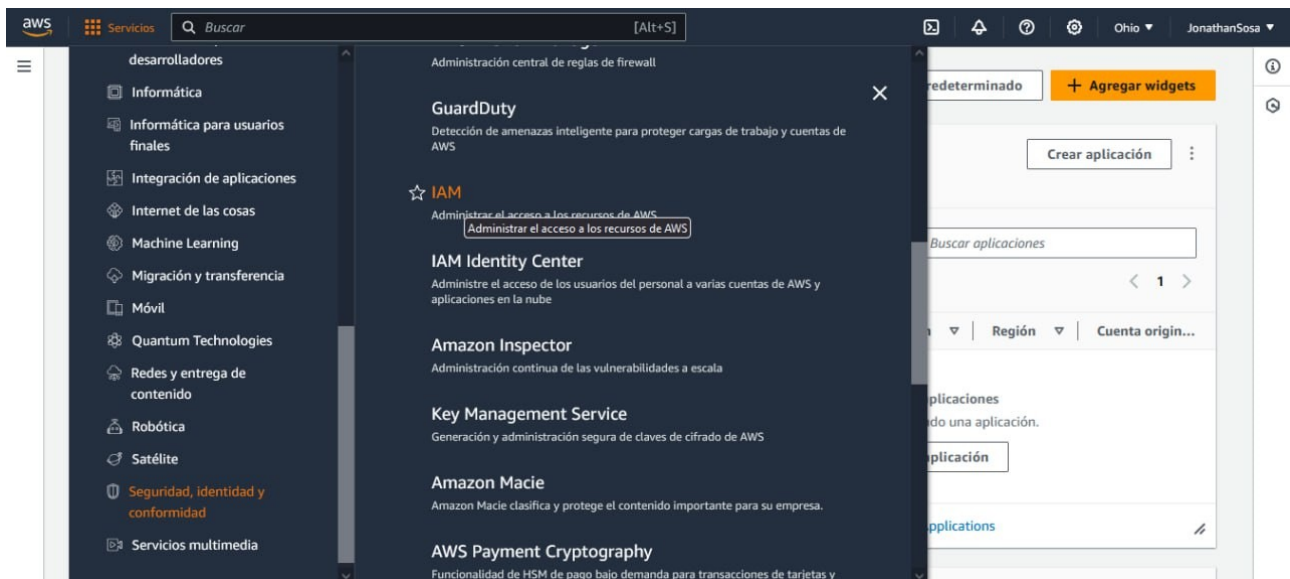
#### 2. Verificar la Cuenta:

- AWS te enviará un correo electrónico de verificación. Sigue las instrucciones del correo para verificar tu cuenta.

### 3. Acceder a la Consola de AWS:

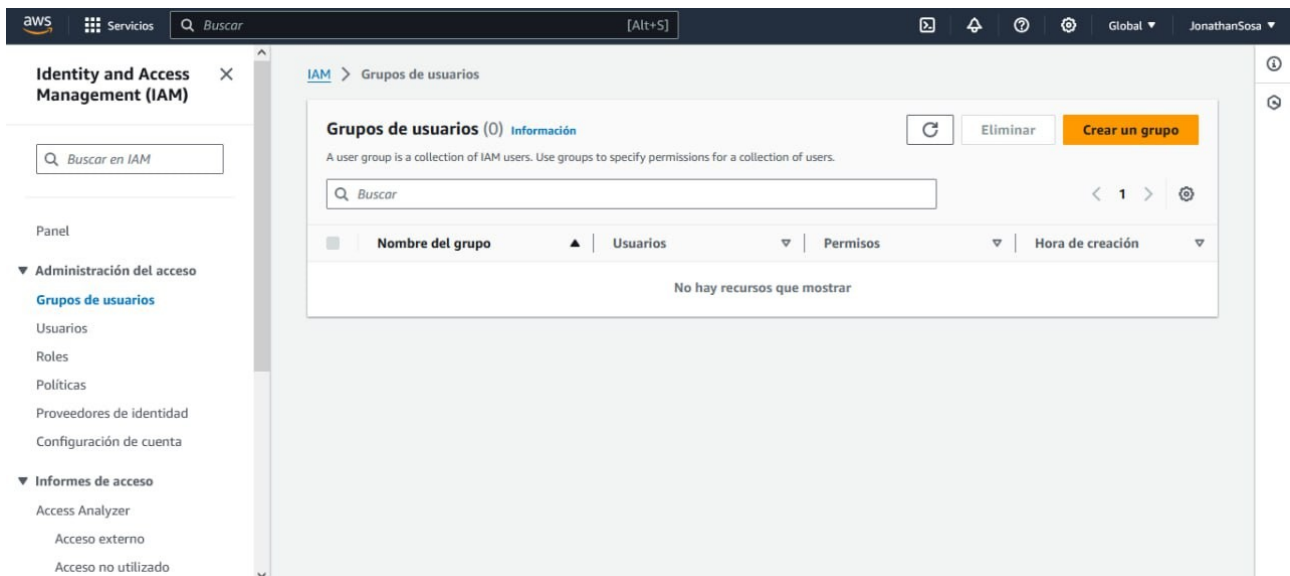


### 4. Crear un Grupo con Rol de Administrador:

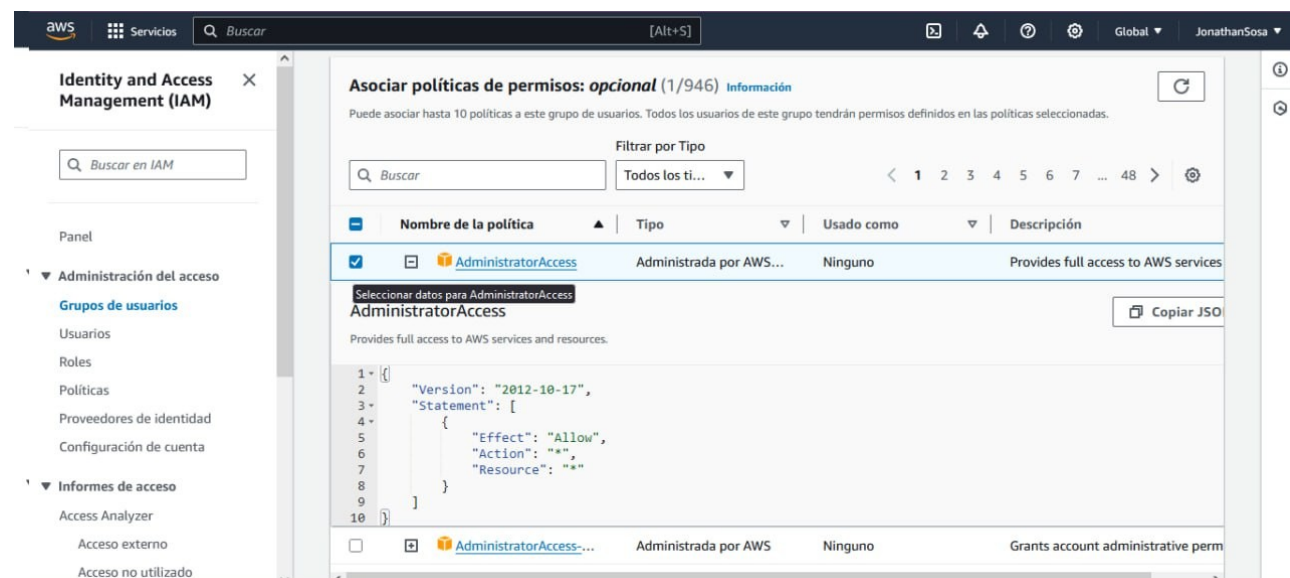
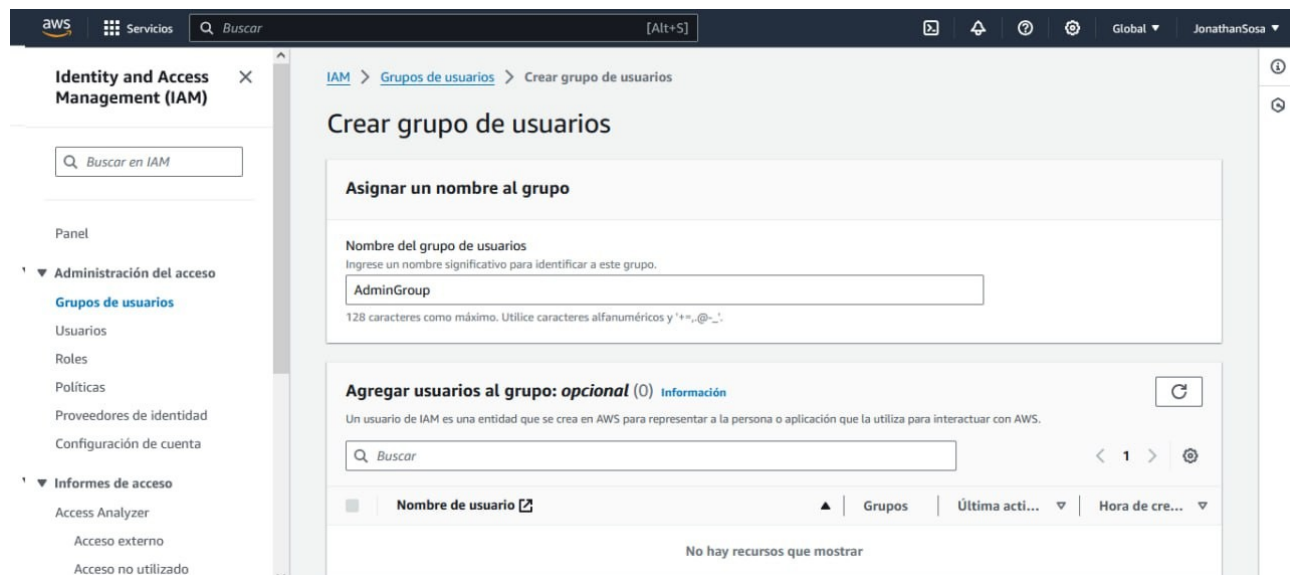


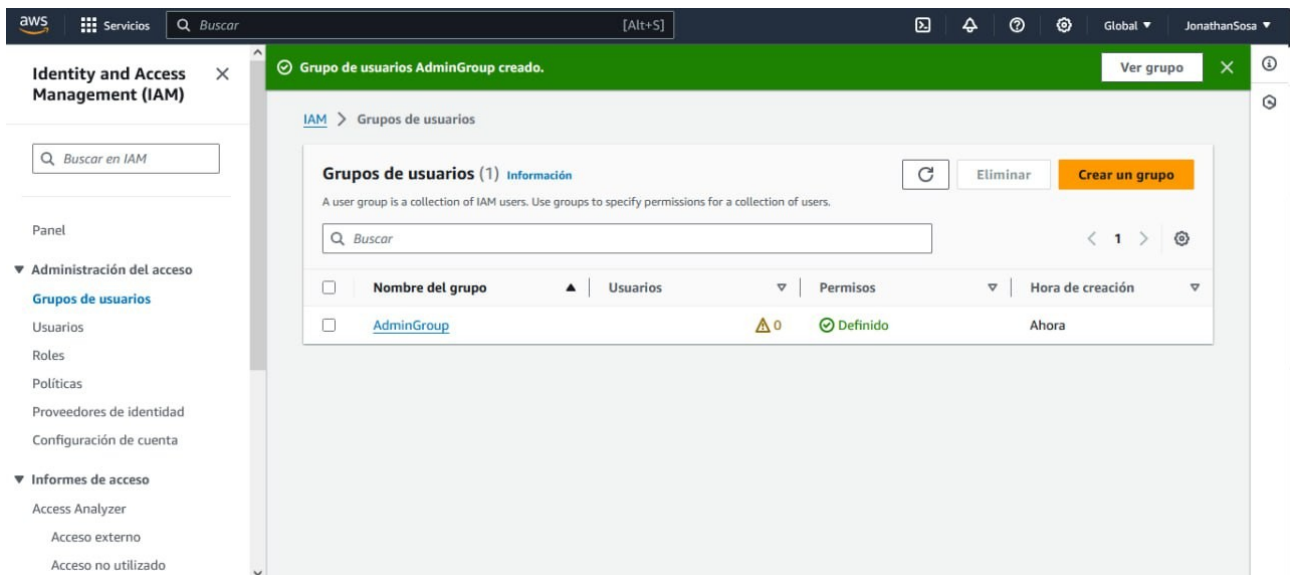
Luego de acceder al servicio de IAM vamos a la seccion de “grupos de usuario”

y presionamos el boton “Crear un grupo”



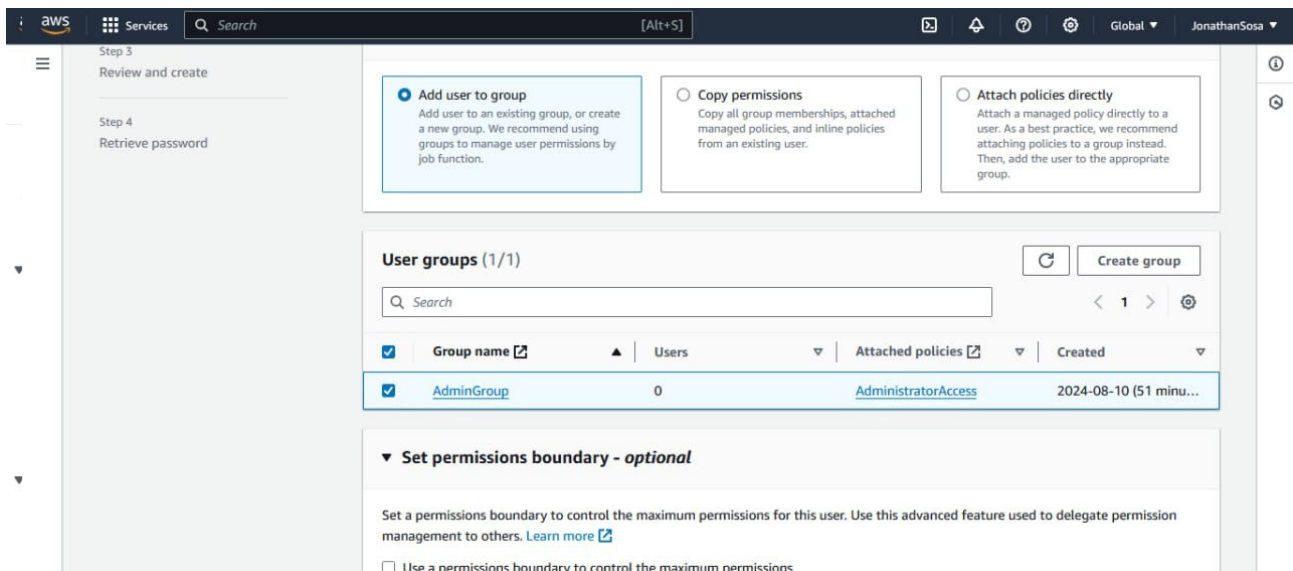
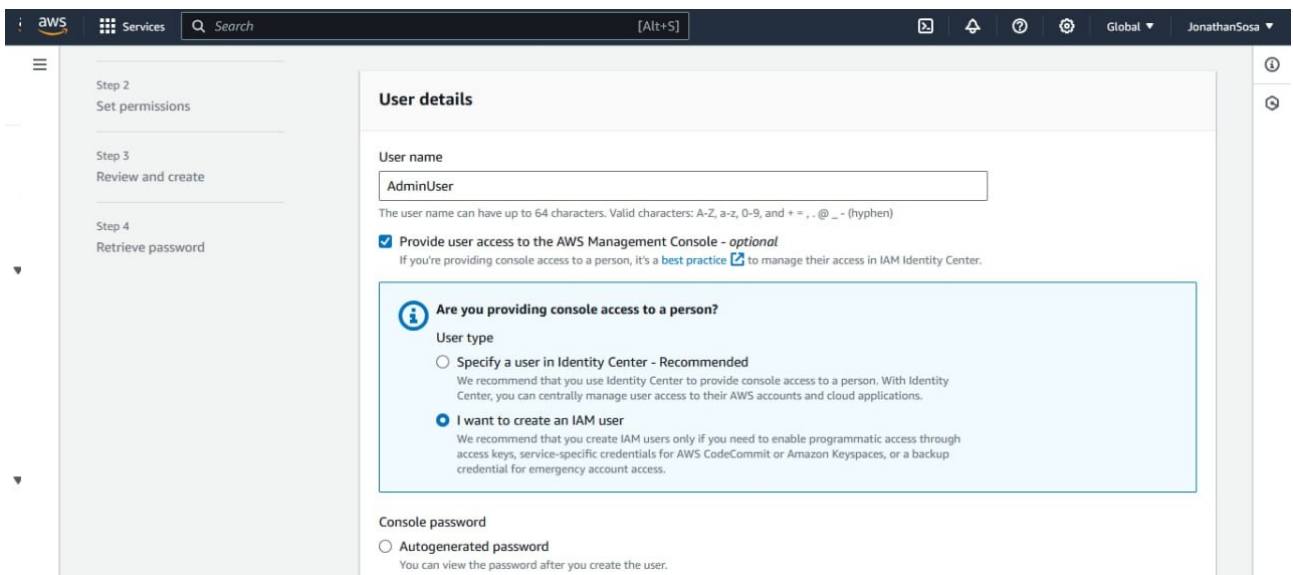
Le ponemos AdminGroup de nombre y le asignamos politicas de AdministratorAccess



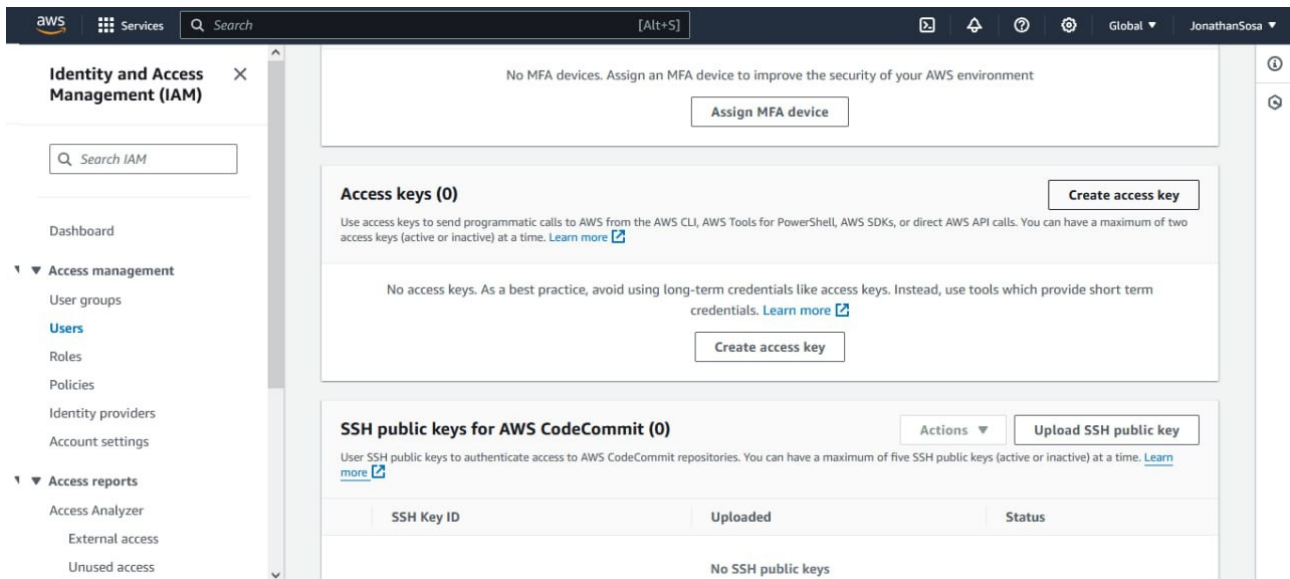


## 5. Crear un Usuario con Rol de Administrador:

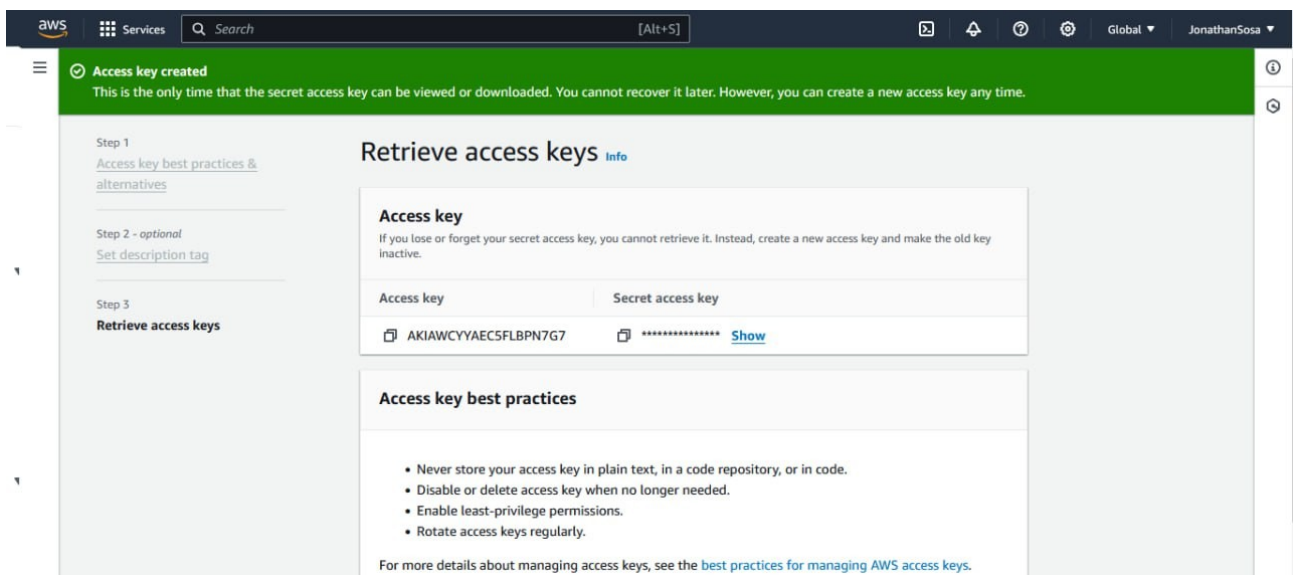
Le asignamos el nombre de AdminUser, ponemos un tilde en “Provide user access to the AWS Management console”, luego asignamos “I Want to create an IAM user” y el grupo AdminGroup



Presionamos Create user y una vez creado vamos a la pestaña Security Credentials para crear un Access Key, de esa manera tendremos acceso programatico y a la consola de AWS



Luego, copiamos los datos del access key que solo se mostrarán una vez



Finalmente el usuario nos debería quedar con acceso a consola sin doble autentificacion y con Access Key, como acceso programatico

The screenshot shows the AWS IAM console interface. On the left is a navigation menu with 'Identity and Access Management (IAM)' selected. The main content area displays the 'AdminUser' details. The 'Summary' section includes the ARN, console access status (Enabled without MFA), and two access keys. The 'Console sign-in' section shows the sign-in link and the console password, which was updated 13 minutes ago. The 'Security credentials' tab is active, showing the 'Access key 1' and 'Access key 2'.

Summary		
ARN am:aws:iam::418272780474:user/AdminUser	Console access Enabled without MFA	Access key 1 AKIAWCYYAEC5FLBPN7G7 - Active Never used. Created today.
Created August 10, 2024, 20:45 (UTC-03:00)	Last console sign-in Never	Access key 2 Create access key

Console sign-in	
Console sign-in link https://jonathansosa.signin.aws.amazon.com/console	Console password Updated 13 minutes ago (2024-08-10 20:45 GMT-3)

Crearemos otro usuario llamado BillingUser con un tipo de acceso “AWS Management Console access”, le damos politicas de Billing y seteamos contraseña

The screenshot shows the 'Create user' wizard in the AWS IAM console. The 'User name' field is filled with 'BillingUser'. The 'Provide user access to the AWS Management Console - optional' checkbox is checked. The 'Are you providing console access to a person?' section shows 'I want to create an IAM user' selected. The 'Console password' section shows 'Custom password' selected, with a password field containing 8 dots. The 'Autogenerated password' option is also visible.

User name  
BillingUser

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ \_ - (hyphen)

☒ Provide user access to the AWS Management Console - optional  
If you're providing console access to a person, it's a [best practice](#) to manage their access in IAM Identity Center.

**Are you providing console access to a person?**

User type

☐ Specify a user in Identity Center - Recommended  
We recommend that you use Identity Center to provide console access to a person. With Identity Center, you can centrally manage user access to their AWS accounts and cloud applications.

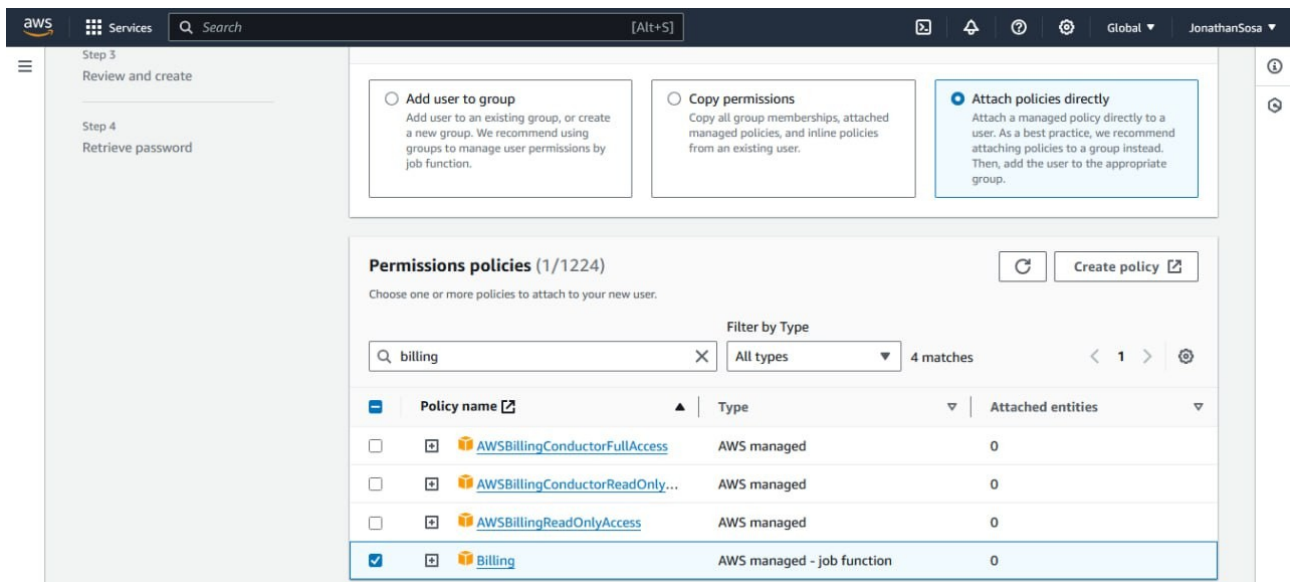
☒ I want to create an IAM user  
We recommend that you create IAM users only if you need to enable programmatic access through access keys, service-specific credentials for AWS CodeCommit or Amazon Keyspaces, or a backup credential for emergency account access.

Console password

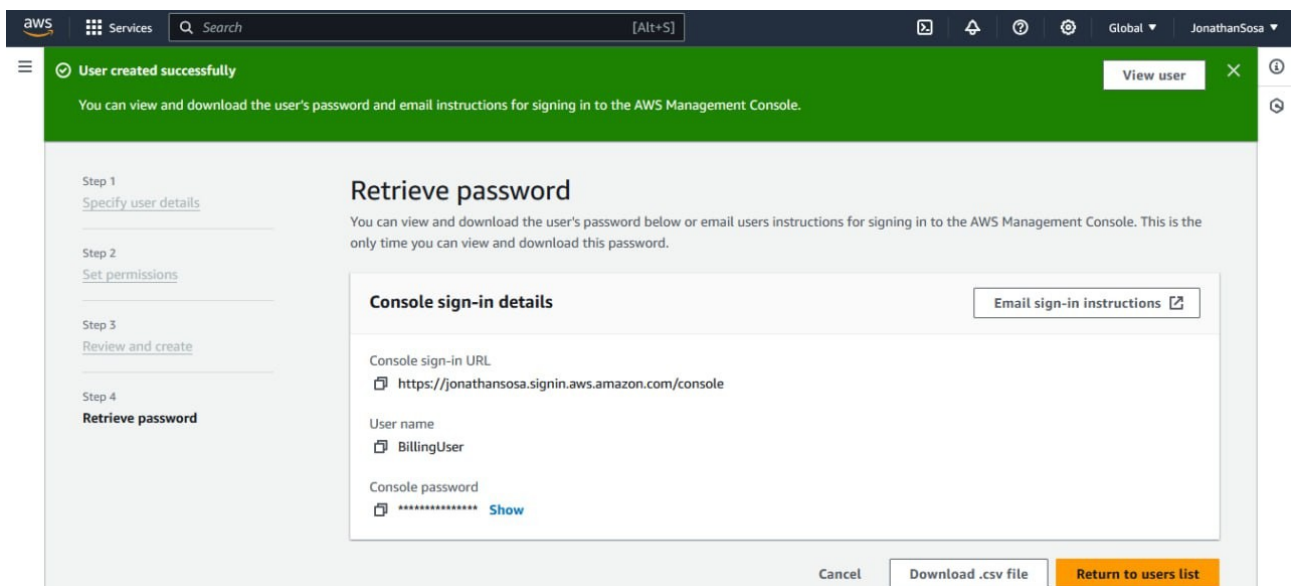
☐ Autogenerated password  
You can view the password after you create the user.

☒ Custom password  
Enter a custom password for the user.  
.....  
Must be at least 8 characters long





Guardamos las credenciales



Finalmente navegamos a "My Account" y seleccionamos "Account settings".  
 En "IAM User and Role Access to Billing Information", seleccionamos "Edit" y marcamos la casilla para activar el acceso de IAM a la información de facturación.

