

Anyelyn Macias Reyes

Creación de usuario IAM

Añadir usuario(s)

Añadir etiquetas (opcional)

Las etiquetas de IAM son pares de clave-valor que puede añadir a su usuario. Las etiquetas pueden incluir información del usuario, como una dirección de correo electrónico, o información descriptiva, como un puesto de trabajo. Utilice las etiquetas para organizar, hacer un seguimiento o controlar el acceso para este usuario. [Más información](#)

Clave	Valor (opcional)	Quitar
<input type="text" value="Añadir una clave nueva"/>	<input type="text"/>	

Puede añadir 50 etiquetas más.

Cancelar Anterior Siguiente: Revisar

Comentarios ¿Busca la selección de Idiomas? Encuéntrala en la nueva Unified Settings

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terraform_1.3.4_windows_...zip

Mostrar todo

ESP LAA 10:57 p. m. 9/11/2022

Descarga y configuración de terraform

E:\Terraform

Nuevo

Ordenar Ver

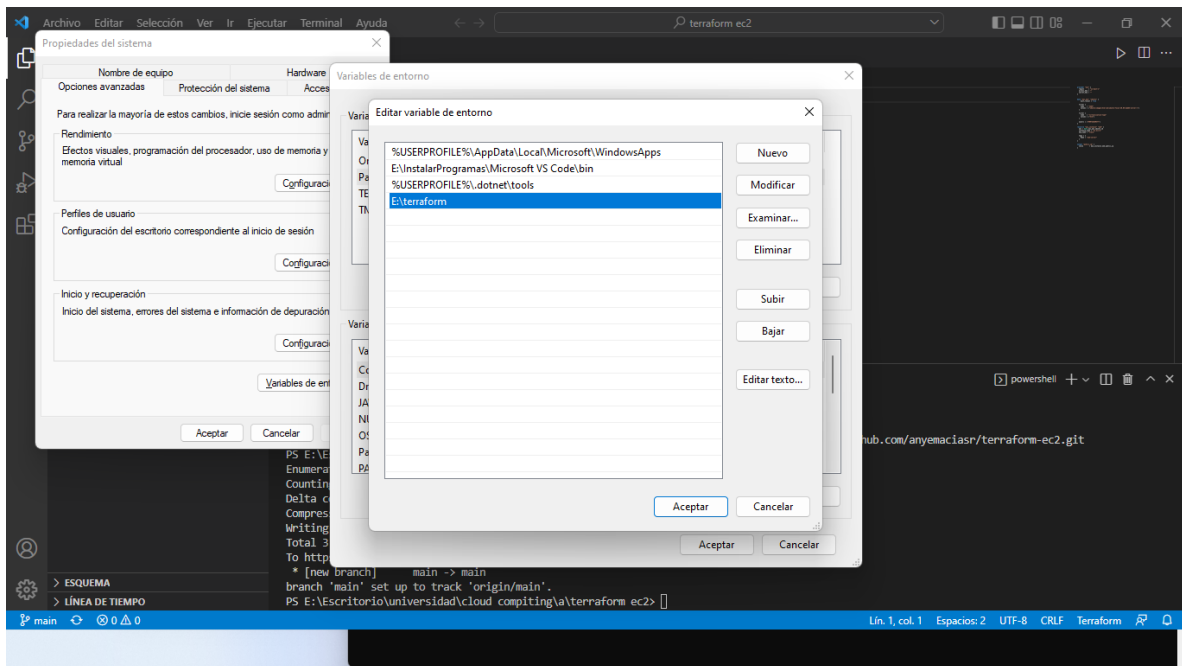
Este equipo > Datos (E:) > Terraform

Nombre	Fecha de modificación	Tipo
terraform.exe	2/11/2022 11:18 a. m.	Aplicación
terraform_1.3.4_windows_amd64.zip	9/11/2022 10:15 p. m.	Archivo WinRAR Z...

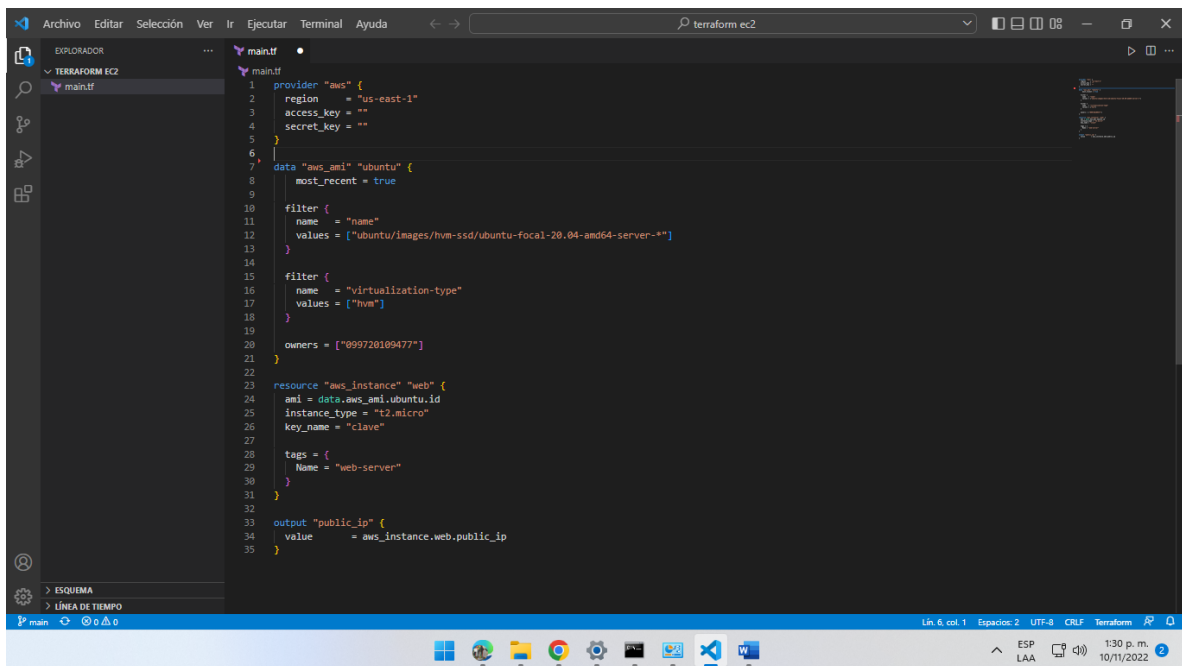
Seleccione el archivo del que desea obtener la vista previa.

2 elementos

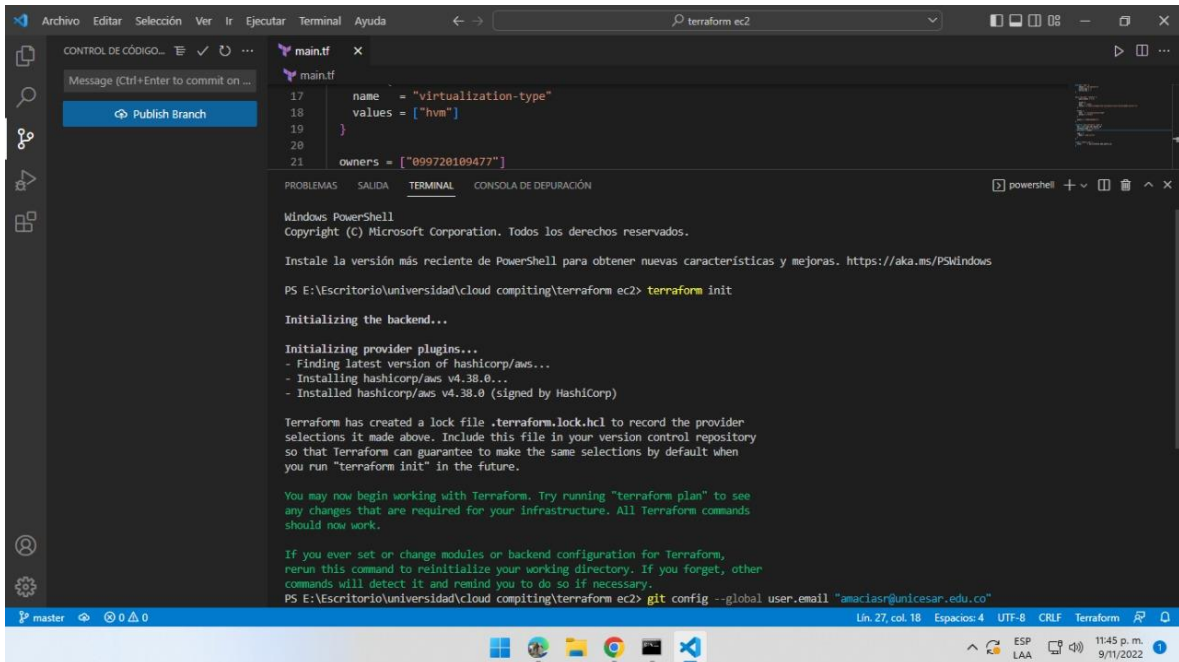
ESP LAA 11:03 p. m. 9/11/2022



Configuración para la creación de la instancia EC2



Ejecutando comando de terraform para la creación de la instancia en EC2



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a terminal window at the bottom. The file explorer shows a project named 'terraform ec2' with files 'main.tf', 'terraform.lock.hcl', and 'tfplan'. The terminal window shows the output of the 'terraform init' command, which initializes the backend and provider plugins.

```
main.tf
17   name = "virtualization-type"
18   values = ["hvm"]
19 }
20
21   owners = ["099720109477"]

PROBLEMAS  SALIDA  TERMINAL  CONSOLA DE DEPURACIÓN

Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS E:\Escritorio\universidad\cloud computing\terraform ec2> terraform init

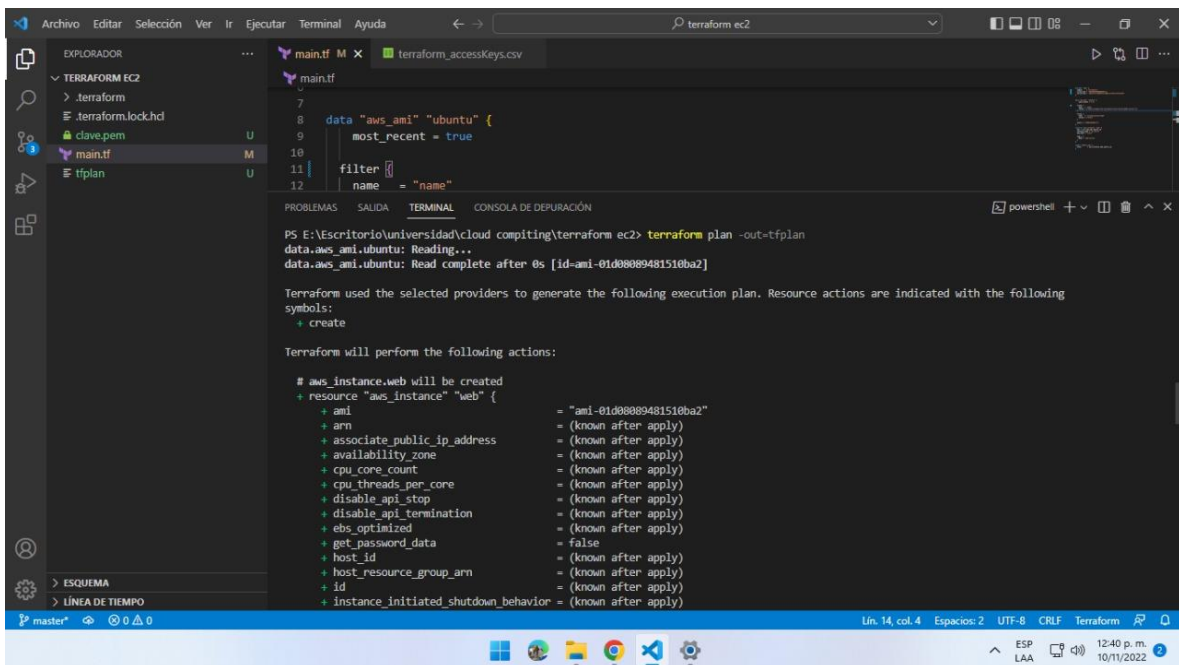
Initializing the backend...

Initializing provider plugins...
- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v4.38.0...
- Installed hashicorp/aws v4.38.0 (signed by HashiCorp)

Terraform has created a lock file .terraform.lock.hcl to record the provider
selections it made above. Include this file in your version control repository
so that Terraform can guarantee to make the same selections by default when
you run "terraform init" in the future.

You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.

If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
PS E:\Escritorio\universidad\cloud computing\terraform ec2> git config --global user.email "amaciara@unicesar.edu.co"
```



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a terminal window at the bottom. The file explorer shows a project named 'terraform ec2' with files 'main.tf', 'terraform.lock.hcl', and 'tfplan'. The terminal window shows the output of the 'terraform plan' command, which generates an execution plan for creating an AWS EC2 instance.

```
main.tf
7
8   data "aws_ami" "ubuntu" {
9     most_recent = true
10
11     filter {
12       name = "name"
13     }
14   }

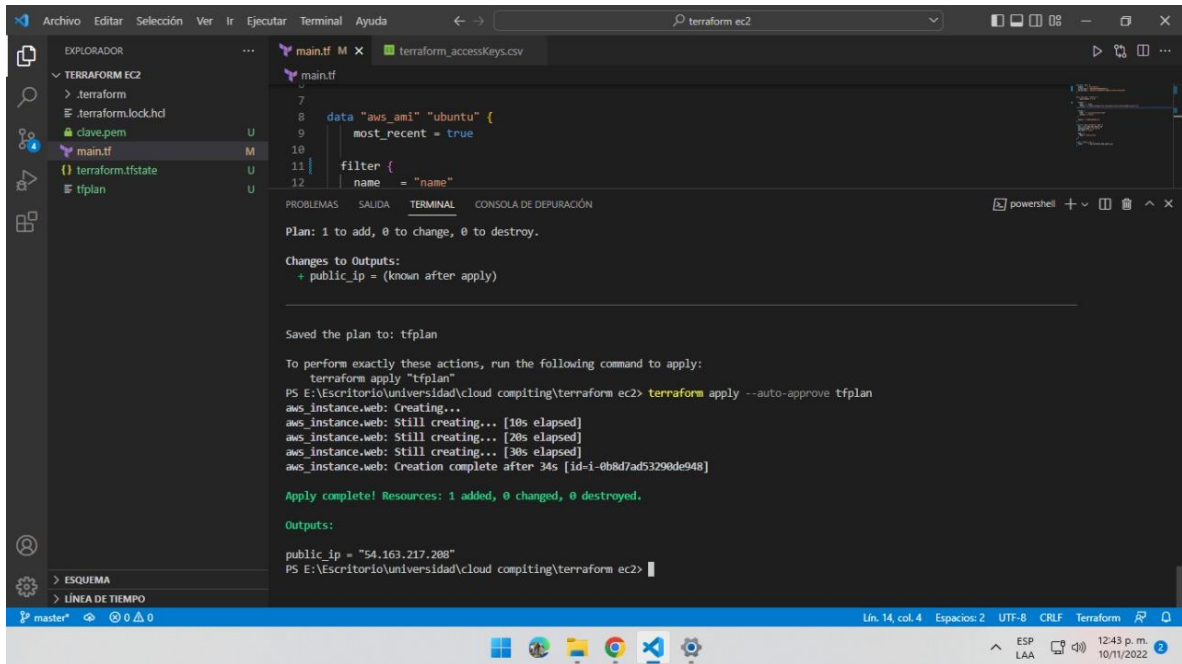
PROBLEMAS  SALIDA  TERMINAL  CONSOLA DE DEPURACIÓN

PS E:\Escritorio\universidad\cloud computing\terraform ec2> terraform plan -out=tfplan
data.aws_ami.ubuntu: Reading...
data.aws_ami.ubuntu: Read complete after 0s [id=ami-01d08089481510ba2]

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following
symbols:
+ create

Terraform will perform the following actions:

# aws_instance.web will be created
+ resource "aws_instance" "web" {
  + ami                    = "ami-01d08089481510ba2"
  + arn                    = (known after apply)
  + associate_public_ip_address = (known after apply)
  + availability_zone       = (known after apply)
  + cpu_core_count         = (known after apply)
  + cpu_threads_per_core   = (known after apply)
  + disable_api_stop       = (known after apply)
  + disable_api_termination = (known after apply)
  + ebs_optimized          = (known after apply)
  + get_password_data      = false
  + host_id                = (known after apply)
  + host_resource_group_arn = (known after apply)
  + id                    = (known after apply)
  + instance_initiated_shutdown_behavior = (known after apply)
}
```



```
main.tf
7
8 data "aws_ami" "ubuntu" {
9   most_recent = true
10
11   filter {
12     name = "name"
```

Plan: 1 to add, 0 to change, 0 to destroy.

Changes to Outputs:

- + public_ip = (known after apply)

Saved the plan to: tfplan

To perform exactly these actions, run the following command to apply:

```
terraform apply "tfplan"
```

PS E:\Escritorio\universidad\cloud computing\terraform ec2> terraform apply --auto-approve tfplan

aws_instance.web: Creating...

aws_instance.web: Still creating... [10s elapsed]

aws_instance.web: Still creating... [20s elapsed]

aws_instance.web: Still creating... [30s elapsed]

aws_instance.web: Creation complete after 34s [id=i-0b8d7ad53290de948]

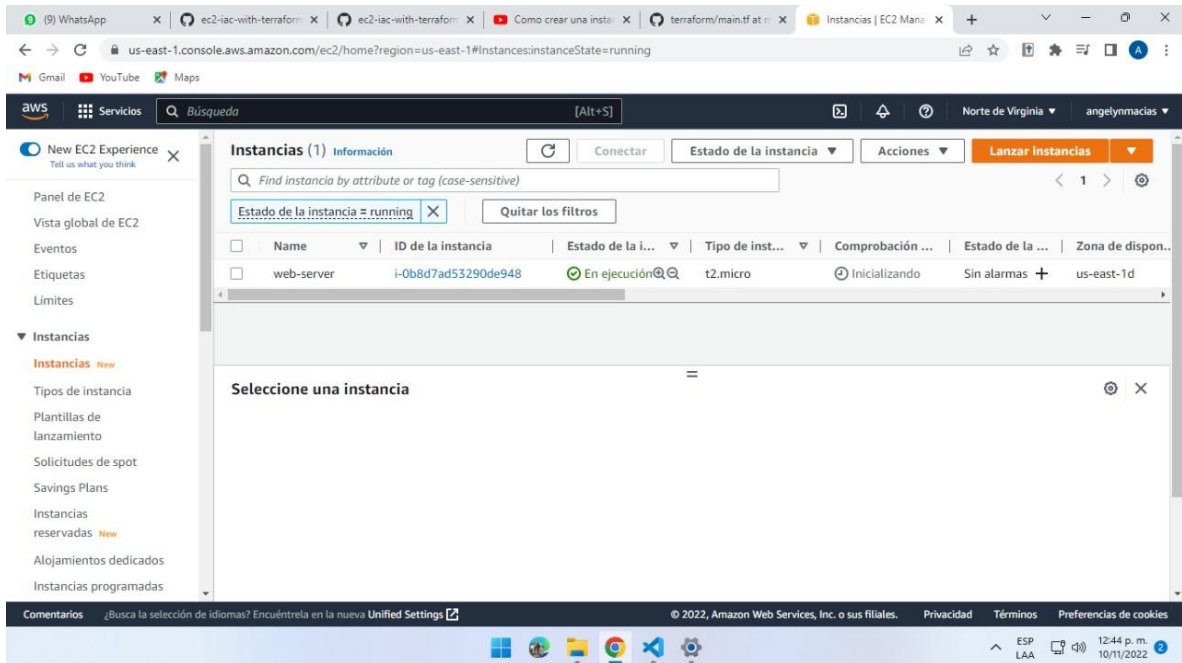
Apply complete! Resources: 1 added, 0 changed, 0 destroyed.

Outputs:

public_ip = "54.163.217.288"

PS E:\Escritorio\universidad\cloud computing\terraform ec2>

Instancia creada



us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#instances:instanceState=running

Instancias (1) Información

Find instancia by attribute or tag (case-sensitive)

Estado de la instancia: En ejecución

Name	ID de la instancia	Estado de la instancia	Tipo de instancia	Comprobación de estado	Estado de la instancia	Zona de disponibilidad
web-server	i-0b8d7ad53290de948	En ejecución	t2.micro	Inicializando	Sin alarmas	us-east-1d

Selecciona una instancia

