



# Certified Tech Developer

The Ultimate Degree

## Infraestructura II

**Actividad obligatoria y grupal**

**Dificultad: Media**

# Ejercitación Terraform

Esta ejercitación es distinta a la que veníamos trabajando. Vamos a tener un archivo que realizó un compañero de trabajo en el que está escrito el código para automatizar la gestión de los siguientes recursos:

- Una base de datos RDS
- Una VPC
- Una subnet
- Dos instancias EC2

El objetivo de nuestro trabajo es separar el archivo en módulos, como aprendimos en las clases anteriores, y asegurarnos que se ejecute correctamente. Encontramos el archivo en el siguiente [link](#). Este archivo pertenece al siguiente [repositorio de código](#).

La salida de final de la ejecución del archivo se encuentra en la siguiente página.



```
Plan: 5 to add, 0 to change, 0 to destroy.

Do you want to perform these actions?
  Terraform will perform the actions described above.
  Only 'yes' will be accepted to approve.

  Enter a value: yes

aws_vpc.vpc: Creating...
aws_db_instance.db: Creating...
aws_db_instance.db: Still creating... [10s elapsed]
aws_vpc.vpc: Still creating... [10s elapsed]
aws_vpc.vpc: Creation complete after 11s [id=vpc-0012fdf79d78a5a0a]
aws_subnet.subnet: Creating...
aws_subnet.subnet: Creation complete after 4s [id=subnet-0f3d1ef94d77dd14b]
aws_instance.frontend: Creating...
aws_instance.backend: Creating...
aws_db_instance.db: Still creating... [20s elapsed]
aws_instance.frontend: Still creating... [10s elapsed]
aws_instance.backend: Still creating... [10s elapsed]
aws_db_instance.db: Still creating... [30s elapsed]
aws_instance.frontend: Still creating... [20s elapsed]
aws_instance.backend: Still creating... [20s elapsed]
aws_db_instance.db: Still creating... [40s elapsed]
aws_instance.frontend: Still creating... [30s elapsed]
aws_instance.backend: Still creating... [30s elapsed]
aws_db_instance.db: Still creating... [50s elapsed]
aws_instance.frontend: Still creating... [40s elapsed]
aws_instance.backend: Still creating... [40s elapsed]
aws_instance.backend: Creation complete after 43s [id=i-0f6c26eb3a1ffac5c]
aws_db_instance.db: Still creating... [1m0s elapsed]
aws_instance.frontend: Still creating... [50s elapsed]
aws_db_instance.db: Still creating... [1m10s elapsed]
aws_instance.frontend: Still creating... [1m0s elapsed]
aws_db_instance.db: Still creating... [1m20s elapsed]
aws_instance.frontend: Creation complete after 1m5s [id=i-0555fabd9779d2b7f]
aws_db_instance.db: Still creating... [1m30s elapsed]
aws_db_instance.db: Still creating... [1m40s elapsed]
aws_db_instance.db: Still creating... [1m50s elapsed]
aws_db_instance.db: Still creating... [2m0s elapsed]
aws_db_instance.db: Still creating... [2m10s elapsed]
aws_db_instance.db: Still creating... [2m20s elapsed]
aws_db_instance.db: Still creating... [2m30s elapsed]
aws_db_instance.db: Still creating... [2m40s elapsed]
aws_db_instance.db: Still creating... [2m50s elapsed]
aws_db_instance.db: Still creating... [3m0s elapsed]
aws_db_instance.db: Still creating... [3m10s elapsed]
aws_db_instance.db: Still creating... [3m20s elapsed]
aws_db_instance.db: Still creating... [3m30s elapsed]
aws_db_instance.db: Still creating... [3m40s elapsed]
aws_db_instance.db: Still creating... [3m50s elapsed]
aws_db_instance.db: Still creating... [4m0s elapsed]
aws_db_instance.db: Creation complete after 4m6s [id=terraform-20210825231433034900000001]

Apply complete! Resources: 5 added, 0 changed, 0 destroyed.
```

¿Te animás a proponer oportunidades de mejora? ¿Qué otros recursos agregarías para gestionar esta solución? Lo vamos a debatir en la siguiente clase.