



Infraestructura II

Práctica: identificar errores en la sintaxis

Vamos ahora a realizar una práctica distinta. En este ejemplo tenemos un template con errores de sintaxis. ¿Los podemos identificar? De forma individual deben realizarlo en una copia del archivo para comparar el antes y después de sus modificaciones. ¿Qué recursos se están creando?

Código

```
# Guardar el archivo como parameters.yml

Parameters:

# Parametros para el Security Group

SGDescription:

  Description: Security Group Description

  Type: Int

SGPort:

  Description: Simple Description with MinValue and MaxValue

  Type: Number

  MinValue: 22
```



```
    MaxValue: 65535

    SIngressCIDR:

        Description: The IP address range can be used to communicate to the EC2
instances

        Type: Int

        MinLength: '9'

        MaxLength: '18'

        Default: 0.0.0.0/0

        AllowedPattern: (\d{1,3})\.\d{1,3})\.\d{1,3})\.\d{1,3})/(\d{1,2})

        ConstraintDescription: Use a valid IP CIDR range with format x.x.x.x/x.

# Parametros para la instancia ec2

InstanceType:

    Description: EC2 instance type

    Type: Int

    Default: t2.small.

    AllowedValues:

        - t1.micro

        - t2.nano

        - t2.micro

        - t2.small

        - m1.small

    ConstraintDescription: Use a valid EC2 instance type.

    KeyPairName:
```



```
Description: EC2 KeyPair to enable SSH access to the instances.

Type: AWS::EC2::KeyPair::KeyName

ConstraintDescription: Use the name of an existing EC2 KeyPair

# Parametros para redes

VPC:

    Description: VPC to operate in

    Type: AWS::EC2::VPC::Id

SubnetIDs:

    Description: Subnet IDs that is a List of Subnet Id

    Type: "List<AWS::EC2::Subnet::Id>"

DbSubnetIpBlocks:

    Description: "Comma delimited list of CIDR blocks"

    Type: CommaDelimitedList

    Default: "10.0.48.0/24, 10.0.112.0/24, 10.0.176.0/24"

# Password para un db

DBPassword:

    NoEcho: true

    Description: Account password for the database

    Type: Int

Resources:

    # Creacion de una instancia EC2

    MyInstance:
```



```
Type: "AWS::EC2::Instance"
```

```
Properties:
```

```
  InstanceType: !Ref InstanceType
```

```
  KeyName: !Ref KeyPairName
```

```
  ImageId: "ami-a4c7edb2"
```

```
# Creacion de un security group
```

```
MySecurityGroup:
```

```
  Type: "AWS::EC2::SecurityGroup"
```

```
  Properties:
```

```
    GroupDescription: !Ref SGDescription
```

```
    SecurityGroupIngress:
```

```
      - CidrIp: !Ref SGIngressCIDR
```

```
        FromPort: !Ref SGPort
```

```
        ToPort: !Ref SGPort
```

```
        IpProtocol: tcp
```

```
  VpcId: !Ref VPC
```