

Padlet (Evaluación continua) - Semana 6 Taller 1

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Create security group

1. Escalabilidad x | 1. Balanceo de x | Learner Lab x | Launch an inst x | 1. Balanceo de x | EC2 Managem x

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

aws Services Search [Alt+S]

EC2 > Security Groups > Create security group

Create security group [Info](#)

A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group

Basic details

Security group name [Info](#)

GS-Prod

Name cannot be edited after creation.

Description [Info](#)

Allows SSH access to developers

VPC [Info](#)

vpc-0a1833df18f9c45ff

Inbound rules [Info](#)

Type Info	Protocol Info	Port range Info	Source Info
Custom TCP	TCP	22	Anywh... 0.0.0.0/0

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Create instances
(difference subnet)

New EC2 Experience
Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Limits

▼ Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

▼ Images

Instances (5) Info

Find instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check
<input type="checkbox"/>	VM testing	i-05887dd61d54aa657	⊖ Stopped	t2.micro	–
<input type="checkbox"/>	VM database	i-05c8bba2ca637dfbd	⊖ Stopped	t2.micro	–
<input type="checkbox"/>	VM developm...	i-0a8c9255aded0b3c3	⊖ Stopped	t2.micro	–
<input type="checkbox"/>	VM production 2	i-09e89ab318a031556	✔ Running	t2.micro	✔ 2/2 checks passed
<input type="checkbox"/>	VM production 1	i-0479f17565ec0c8ce	✔ Running	t2.micro	✔ 2/2 checks passed

Select an instance

Create target group

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awsServices🔍📄🔔🔗N. Vir▼voclabs/user2514025=luis.mendez.l@utec.edu.pe▼

EC2 > Target groups > Create target group

Specify group details

Step 1 of 2

Your load balancer routes requests to the targets in a target group and performs health checks on the targets.

Basic configuration

Settings in this section can't be changed after the target group is created.

Choose a target type

☒ Instances

- Supports load balancing to instances within a specific VPC.
- Facilitates the use of [Amazon EC2 Auto Scaling](#) to manage and scale your EC2 capacity.

☐ IP addresses

- Supports load balancing to VPC and on-premises resources.
- Facilitates routing to multiple IP addresses and network interfaces on the same instance.
- Offers flexibility with microservice based architectures, simplifying inter-application communication.
- Supports IPv6 targets, enabling end-to-end IPv6 communication, and IPv4-to-IPv6 NAT.

☐ Lambda function

- Facilitates routing to a single Lambda function.

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Review targets

Targets (2)

Remove all pending

All

< 1 >

Filter resources by property or value

Remove	Health status	Instance ID	Name	Port
X	Pending	i-0479f17565ec0c8ce	VM production 1	80
X	Pending	i-09e89ab318a031556	VM production 2	80

2 pending


Cancel Previous **Create target group**

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Testing load balancer


ubuntu

Apache2 Ubuntu Default Page

It works! (Luis Mendez - VM production 2)

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.


Configuration Overview


Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.


The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/  
|-- apache2.conf  
|   |-- ports.conf  
|-- mods-enabled  
|   |-- *.load  
|   |-- *.conf  
|-- conf-enabled  
|   |-- *.conf  
|-- sites-enabled  
|   |-- *.conf
```

- `apache2.conf` is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.

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