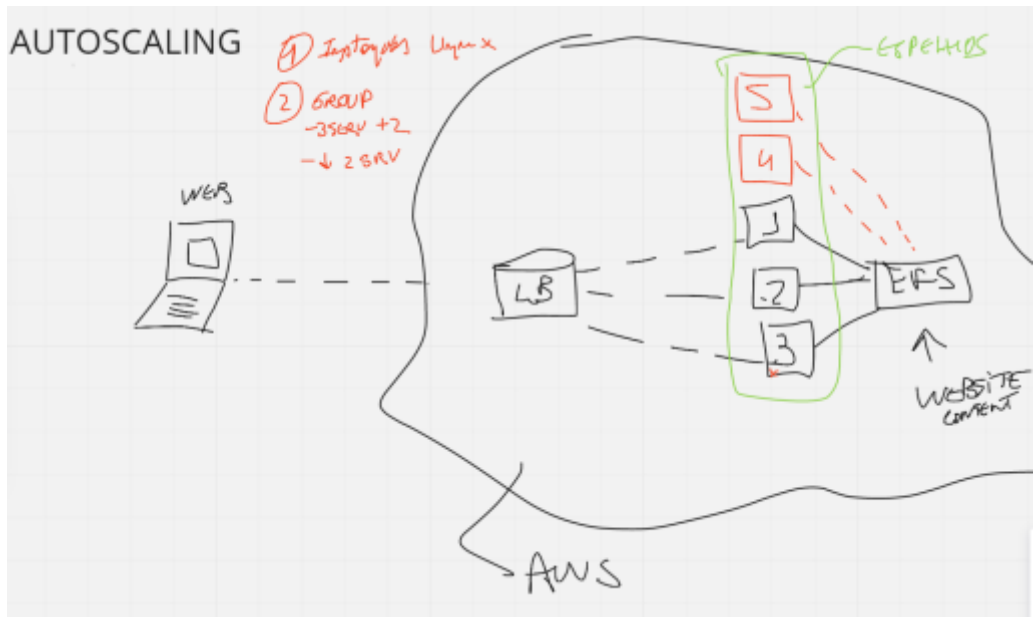
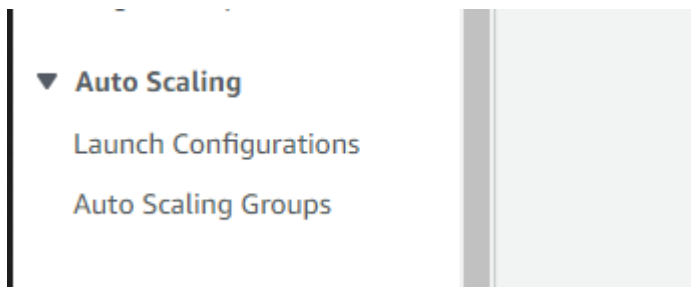


22.1 - HANDS ON: CONFIGURANDO AUTOSCALING PARA EC2



Â

EC2>AutoScaling>launch configuration



Â

Create launch configuration Info

Launch configuration name

Name

instancia-webserver-autoscaling"/>

Amazon machine image (AMI) Info

AMI

Instance type Info

Instance type

^

- Podemos colocar IAM roles para uma maior segurança de acesso a partir da CLI

▼ Advanced details

Kernel ID Info

RAM disk ID Info

Metadata accessible Info

Metadata version Info

Metadata response hop limit Info

User data Info

☒ As text
☐ As file

```
#!/bin/bash
sudo su
yum update -y
yum install httpd -y
chkconfig httpd on
cd /var/www/html
echo "<html><h1> Webserver Online</h1></html>" > index.html
```

☐ Input is already base64 encoded

IP address type Info

☒ Only assign a public IP address to instances launched in a subnet with auto-assign public IP enabled (default)
☐ Assign a public IP address to every instance.
☐ Do not assign a public IP address to any instances.

Note: this option only affects instances launched into an Amazon VPC.

ⓘ Later, if you want to use a different launch configuration, you can create a new one and apply it to any Auto Scaling group. Existing launch configurations cannot be edited.

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-^

ESSE É O PROCESSO DE CRIAÇÃO DE TEMPLATE DAS MAQUINAS, E NÃO DAS MAQUINAS EM SI.

- AGORA IREMOS CRIAR OS GRUPOS DE AUTOSCALING

Step 1: Choose launch template or configuration

Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group. If you currently use launch configurations, you might consider migrating to launch templates.

Name

Auto Scaling group name
Enter a name to identify the group.

Must be unique to this account in the current Region and no more than 255 characters.

Launch configuration

Launch configuration
Choose a launch configuration that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.

[Create a launch configuration](#)

Launch configuration	AMI ID	Date created
IWS-AS	ami-00ce3bc2739629338	Fri May 21 2021 13:37:17 GMT-0300 (Horário Padrão de Brasília)

Security groups	Instance type	Key pair name
sg-08589e215017ebaf1sg-b34fe4e2	t2.micro	-

[Switch to launch template](#)

[Cancel](#) [Next](#)

Â

Configure settings

Configure the settings below. Depending on whether you chose a launch template, these settings may include options to help you make optimal use of EC2 resources.

Network

For most applications, you can use multiple Availability Zones and let EC2 Auto Scaling balance your instances across the zones. The default VPC and default subnets are suitable for getting started quickly.

VPC

172.31.0.0/16 Default

[Create a VPC](#)

Subnets

eu-west-1a | subnet-3add3271
172.31.16.0/20 Default

eu-west-1b | subnet-f80851a2
172.31.32.0/20 Default

eu-west-1c | subnet-39f9e55f
172.31.0.0/20 Default

[Create a subnet](#)

[Cancel](#) [Previous](#) [Skip to review](#) [Next](#)

Â

- ESTAMOS SELECIONANDO 3 AVAILABILITY ZONES. Se deixarmos somente 1 irÃ;jogar 1 servidor nela, se deixar 2 - irÃ;jogar 2 servidores em uma e um na px, como deixamos 3 serÃ; um servidor em cada availabilityz zone.

ADVANCED DATAIL

LB - poderiamos usar o lb mas vamos manter mais simples.

health check grace period > quantos segundos o grupo vai aguardar para comeÃ;çar a testar se ta funcionando ou nao.

Configure advanced options Info

Choose a load balancer to distribute incoming traffic for your application across instances to make it more reliable and easily scalable. You can also set options that give you more control over health check replacements and monitoring.

Load balancing - optional Info

Use the options below to attach your Auto Scaling group to an existing load balancer, or to a new load balancer that you define.

☒ **No load balancer**
Traffic to your Auto Scaling group will not be fronted by a load balancer.

☐ **Attach to an existing load balancer**
Choose from your existing load balancers.

☐ **Attach to a new load balancer**
Quickly create a basic load balancer to attach to your Auto Scaling group.

Health checks - optional

Health check type Info
EC2 Auto Scaling automatically replaces instances that fail health checks. If you enabled load balancing, you can enable ELB health checks in addition to the EC2 health checks that are always enabled.

☒ EC2 ☐ ELB

Health check grace period
The amount of time until EC2 Auto Scaling performs the first health check on new instances after they are put into service.

seconds

Additional settings - optional

Monitoring Info

☐ Enable group metrics collection within CloudWatch

Cancel Previous Skip to review Next

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configurando as politicas

Configure group size and scaling policies [Info](#)

Set the desired, minimum, and maximum capacity of your Auto Scaling group. You can optionally add a scaling policy to dynamically scale the number of instances in the group.

Group size - *optional* [Info](#)

Specify the size of the Auto Scaling group by changing the desired capacity. You can also specify minimum and maximum capacity limits. Your desired capacity must be within the limit range.

Desired capacity

Minimum capacity

Maximum capacity

Scaling policies - *optional*

Choose whether to use a scaling policy to dynamically resize your Auto Scaling group to meet changes in demand. [Info](#)

☐

Target tracking scaling policy

Choose a desired outcome and leave it to the scaling policy to add and remove capacity as needed to achieve that outcome.

☒

None

Instance scale-in protection - *optional*

Instance scale-in protection

If protect from scale in is enabled, newly launched instances will be protected from scale in by default.

☐

Enable instance scale-in protection

[Cancel](#)

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painel diferente -> assista a aula.