

## 9 - HANDS ON: ADICIONANDO NAT GATEWAY

- Terminar a instancia nat ec2
- Antes da criação precisamos dissasoiar o NAT instance da route table

**NAT gateway settings**

**Name - optional**  
Create a tag with a key of 'Name' and a value that you specify.  
  
The name can be up to 256 characters long.

**Subnet**  
Select a subnet in which to create the NAT gateway.

**Elastic IP allocation ID [Info](#)**  
Assign an Elastic IP address to the NAT gateway.

52.12.114.141

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

No tags associated with the resource.

You can add 50 more tags.

*Handwritten notes: "JATEM INTERNET" with an arrow pointing to the Subnet dropdown, and a red arrow pointing to the "Allocate Elastic IP" button.*

- Apos a criação precisamos editar o routing table
- A nossas isntancias ja possuem acesso a tabela de roteamento, agora precisamos conectar essa tabela ao natgateway

**Edit routes**

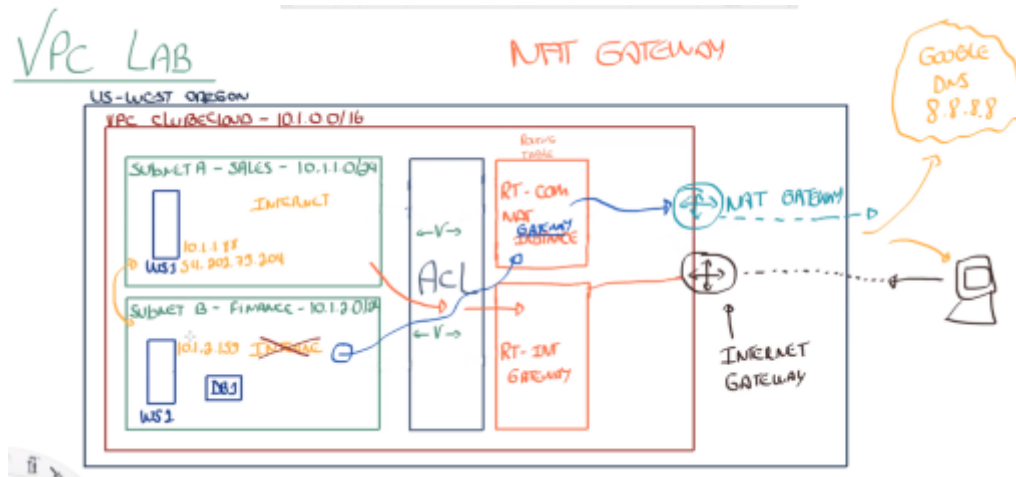
Destination	Target	Status	Propagated
2000:1::/96	<input type="text" value="local"/>	<input checked="" type="checkbox"/> Active	No
10.1.0.0/16	<input type="text" value="local"/>	<input checked="" type="checkbox"/> Active	No
<input type="text" value="0.0.0.0/0"/>	<input type="text" value="nat-0a179efbc20138ed2"/>	<input checked="" type="checkbox"/> Active	No

*Handwritten note: "NAT GATEWAY" with a red circle around the target "nat-0a179efbc20138ed2".*

```

rtt min/avg/max/mdev = 8.013/8.137/8.367/0.108 ms
[ec2-user@ip-10-1-2-213 ~]$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=122 ttl=95 time=9.32 ms
64 bytes from 8.8.8.8: icmp_seq=123 ttl=95 time=8.38 ms
64 bytes from 8.8.8.8: icmp_seq=124 ttl=95 time=8.41 ms
64 bytes from 8.8.8.8: icmp_seq=125 ttl=95 time=8.41 ms
64 bytes from 8.8.8.8: icmp_seq=126 ttl=95 time=8.43 ms
64 bytes from 8.8.8.8: icmp_seq=127 ttl=95 time=8.35 ms

```



- Como exemplo conseguimos atualizar a maquina B, mesmo ela nao tendo endereçamento publico.