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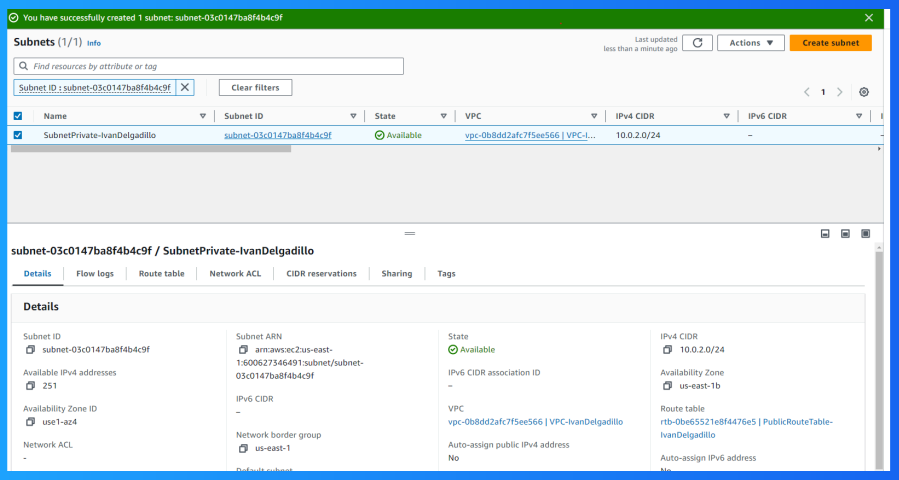
Creating a Private Subnet

Ivan Delgadillo Fernandez



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Introducing Today's Project!

What is Amazon VPC?

Amazon Virtual Private Cloud (Amazon VPC) gives you full control over your virtual networking environment, including resource placement, connectivity, and security.

How I used Amazon VPC in this project

Used to create Private and Public Subnets

One thing I didn't expect in this project was...

I didn't expect configure NACL.

This project took me...

33 Minutes

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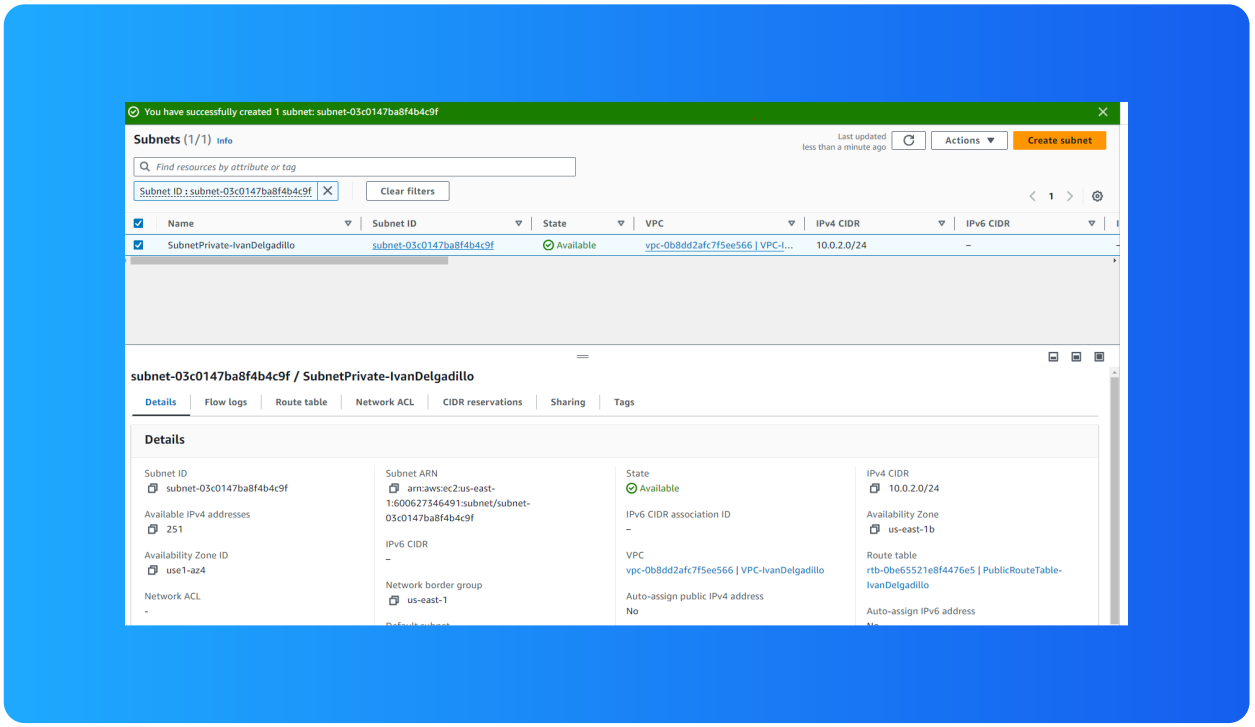
Private vs Public Subnets

Public subnet – The subnet has a direct route to an internet gateway. Resources in a public subnet can access the public internet. Private subnet – The subnet does not have a direct route to an internet gateway. Resources in a private subnet require

For example, it's very common for engineers to set up an EC2 instance hosting their web app in a public subnet, but keep the database of customers and login details in a private subnet.

My private and public subnets cannot have the same CIDR



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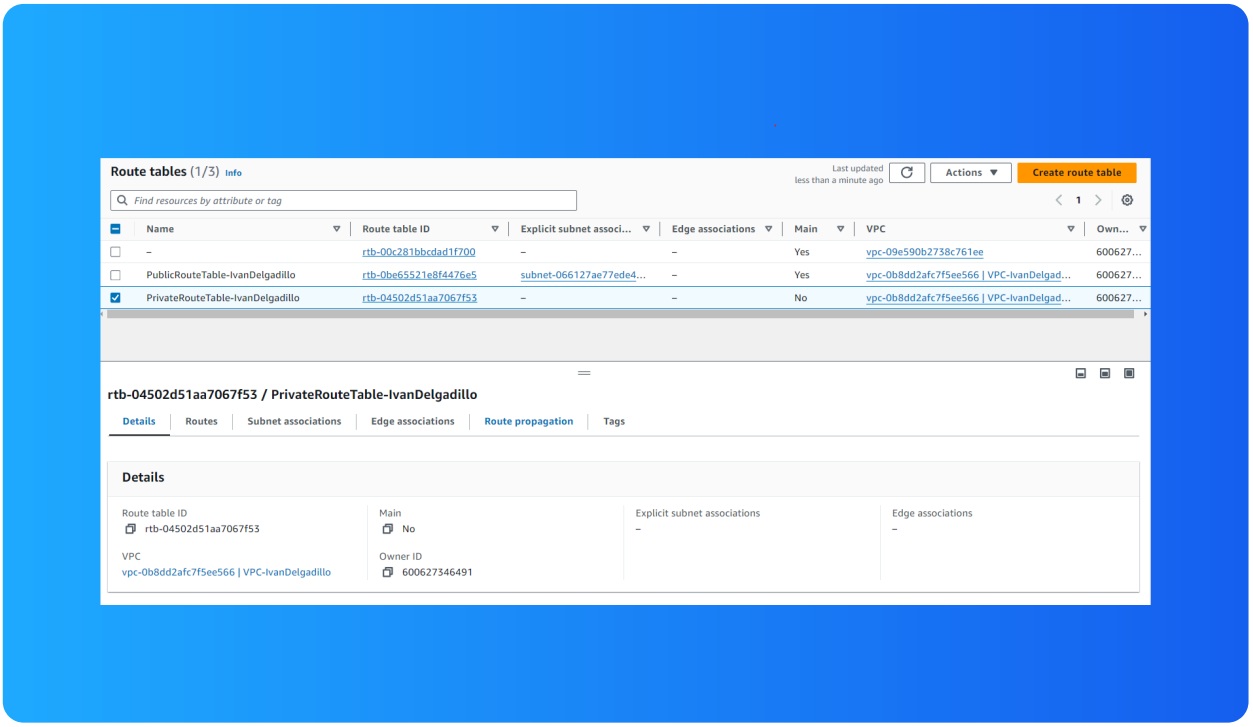
A dedicated route table

By default, my private subnet is associated with subnet explicit

I had to set up a new route table because I need separate CIDR between Public Subnet and Private Subnet

My private subnet's dedicated route table only has one inbound and one outbound rule that allows traffic only with private IPs in VPC



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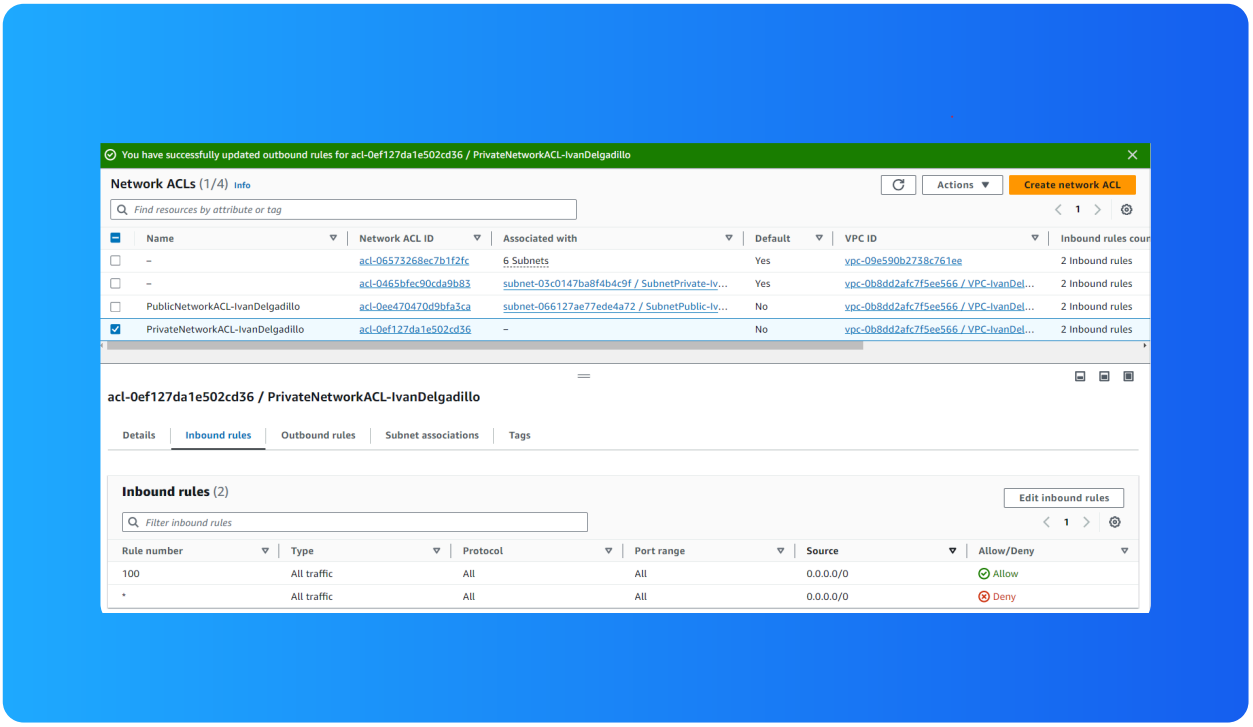
A new network ACL

By default, my private subnet is associated with nothing, I have to associate with my Private Subnet

To restricts traffic and protects private subnet!

My new network ACL has two simple rules Rule 100 that allow all traffic from source any



Everyone should be in a job they love.

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