AWS Module 4

While reading AWS module 4 I learned about the Virtual Private Cloud or VPC for short. It's basically your own private network in AWS and it allows you to define your private IP range for your AWS resources. Resources as in EC2 instances and ELBs inside of your VPC. The resources that are placed inside of your VPC are then placed inside of subnets and subnets are IP addresses in your VPC that allow you to group resources together. Subnets control whether resources are either publicly or privately available.

When it comes to VPCs you have two gateways, one for public uses and one for private uses. You attach an Internet Gateway, or IGW to your VPC if you want to allow traffic from the public internet to flow into and out of your VPC. Secondly, if you want your VPC to be accessed privately then you wouldn’t attach an Internet Gateway, instead, you will attach a Virtual Private Gateway that would only allow people in if they are coming from an approved network, not the public internet. One topic I did struggle to understand was how Subnets worked inside of VPCs. As far as researching I read the chapter over at least 3 times to get a decent understanding of some of the concepts within module 4.

I really thought the differences between Internet Gateways and Virtual Private Gateways were very interesting and the way she explained them in the video helped me obtain the information better.