# I'm starting the AWS Networking Series!

SA Angela S

I'm building a cloud networking architecture

In this hands-on networking series, I will build a complete VPC architecture with great cloud projects for my AWS portfolio. I'm learning about cloud networking because engineers need to know that VPC is the backbone of secure and scalable cloud applications.

Businesses traditionally had to build and run their physical networks. Cloud networking changed things by having a cloud provider, such as AWS, manage the networks virtually. The networks can be shared efficiently with several customers, and the software can be accessed virtually rather than physically.
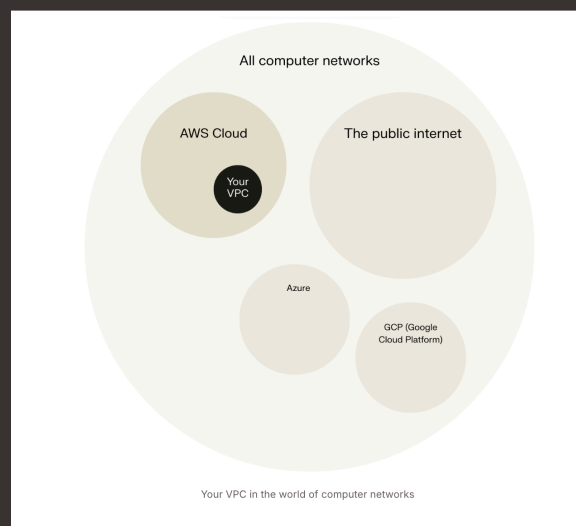
Excited to share my progress - build a VPC with me!

I will set aside a few hours each week to work on this networking series. I will hold myself accountable by using my planner. My reward will be exploring a new café in the city.

What are networks?

Computer networks consist of a group of devices that are capable of exchanging data packets with each other.

What is a VPC?

A Virtual Private Cloud (VPC) is a private section of the AWS network that you control. It allows you to manage network traffic flow in and out of the AWS resources within it. Every AWS account has a default VPC, but you can create additional ones as needed. This approach provides organizations with improved security and control over their cloud resources while still taking advantage of the scalability and cost-effectiveness offered by a public cloud. It enables organizations to establish a private, isolated space within the public cloud, allowing them to oversee their network infrastructure, security configurations, and data access more precisely than a typical public cloud environment would allow.