# What to do:

* Creating a VPC with the specified configuration and update the route table with an internet gateway.

# Process:

**VPC Creation**

* Go to AWS Management Console
* Go to VPC service
* Click on “Create VPC”
  + VPC Name: suneel-vpc

- IPv4 CIDR Block: 10.0.0.0/16

* + Tenancy: Default
* Click on Create
* VPC is up and running

# Subnet Creation

We need to create 2 subnets, Public & Private

* Go to “Subnet” section
* Click on “Create Subnet”
  + Subnet name: suneel-public-subnet-1a
  + VPC: Recently created VPC, suneel-vpc
  + Availability Zone: Choose the desired availability zone

- IPv4 CIDR Block: 10.0.1.0/24

* Click on Create
* Repeat the process of create a private subnet
  + Subnet name: suneel-private-subnet-1a
  + VPC: Recently created VPC, suneel-vpc
  + Availability Zone: Choose the desired availability zone

- IPv4 CIDR Block: 10.0.2.0/24

* Both Subnets are created

# Creating Internet Gateway

* Go to “Internet gateways” section
* Click on “Create Internet Gateway”
* Give a name “suneel-internet-gateway” and click on create
* After creating, Select, and click on “Attach VPC” in Actions
* Select the created VPC (suneel-vpc) and click on “Attach”

# Setup Route Tables

* Go to Route Tables Section
* Select the default route table attached with suneel-vpc
* Click on “routes” and then click “Edit Routes”
* Add a New route
  + Destination: 0.0.0.0/0
  + Target: Select the internet gateway you attached before
* Click on Save Routes

# BOOOMMM!!!

Your VPC is now created with desired subnets and route table is updated with internet gateway