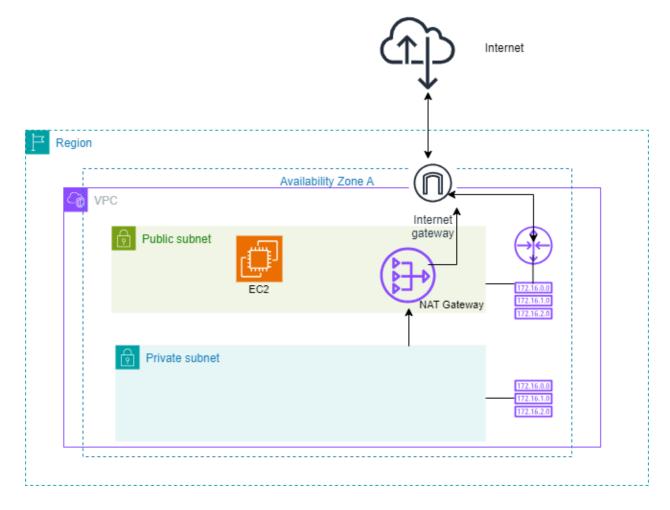
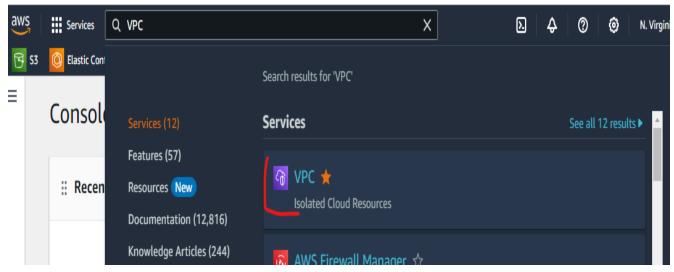
# Lab 2: création d'un réseau privé virtuel cloud VPC et 2 sous réseaux public, privé, IGW et NAT Gateway

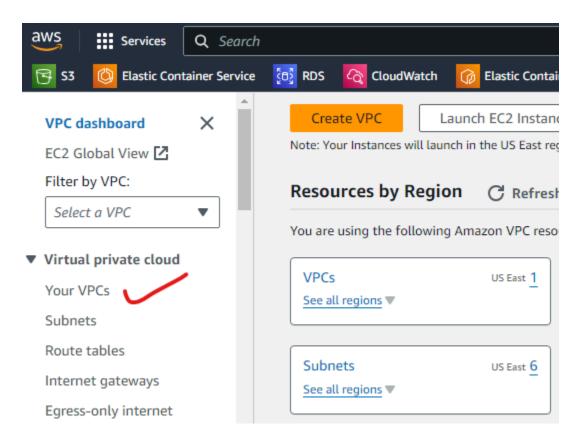
#### Architecture du lab



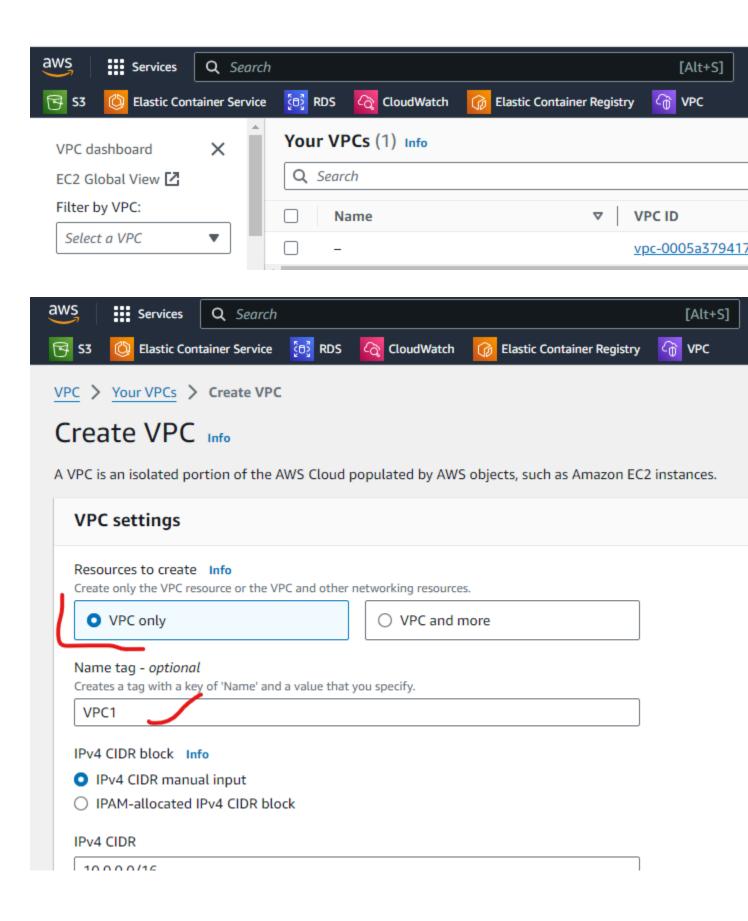
 Connectez vous à votre console de gestion AWS, au niveau de la barre de recherche, tapez VPC

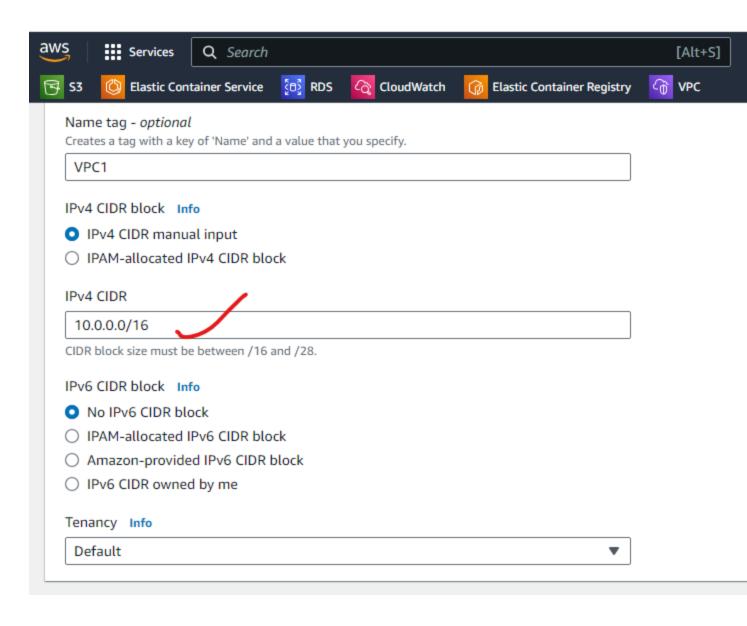


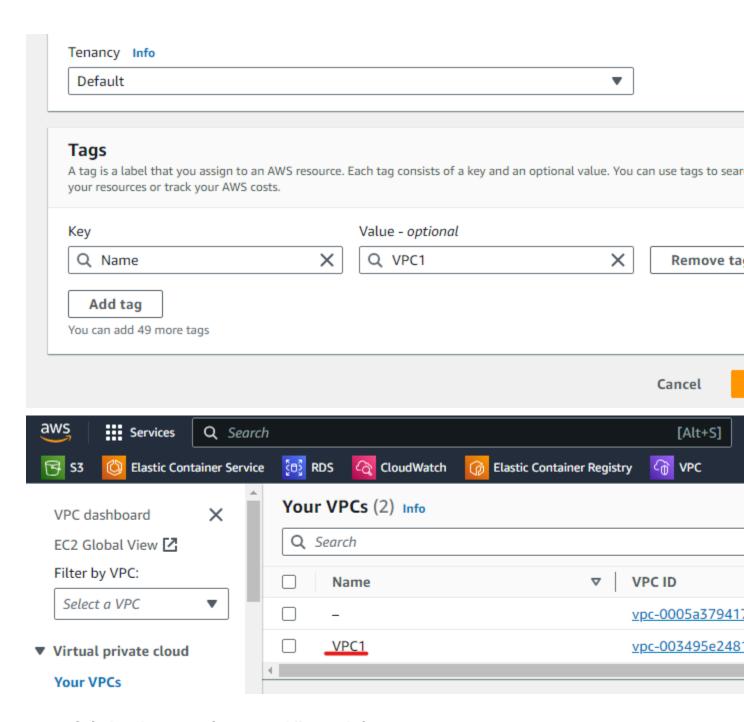
Une fois sur le tableau de bord de VPC, choisir l'option "vos VPC ou your VPC"



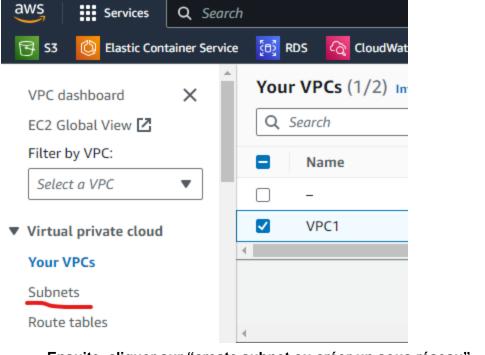
Cliquer le bouton "create VPC ou Créer VPC"







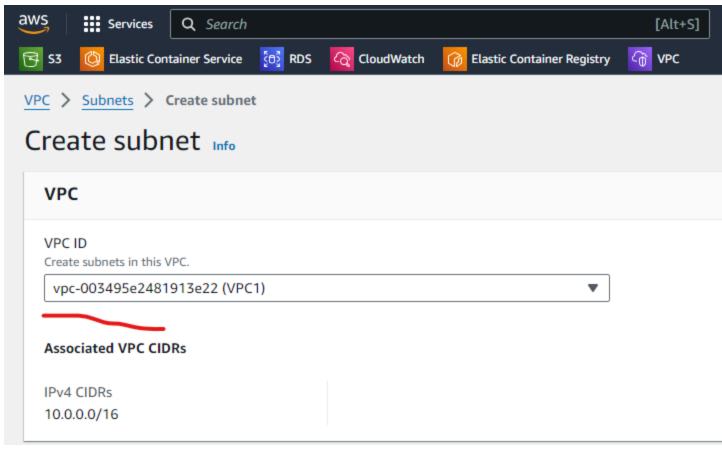
Création des sous réseaux: public et privé



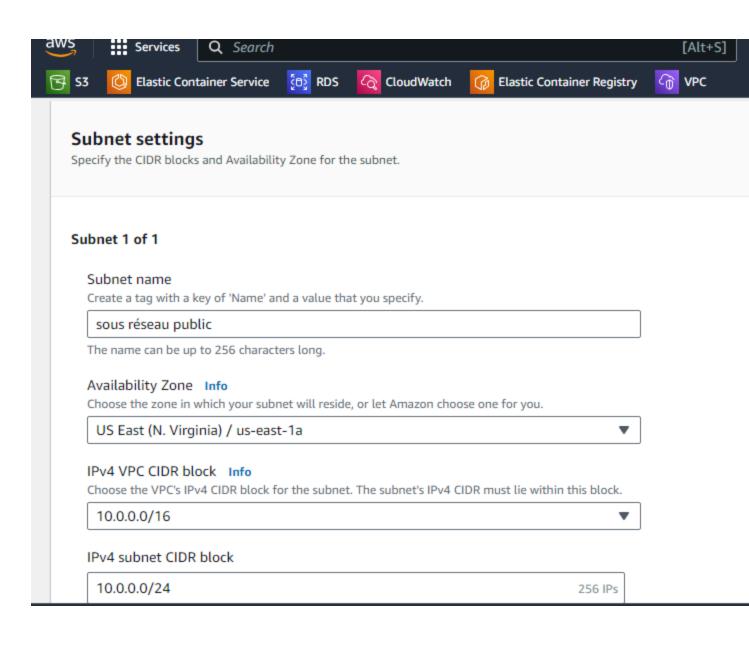
• Ensuite, cliquer sur "create subnet ou créer un sous réseau"

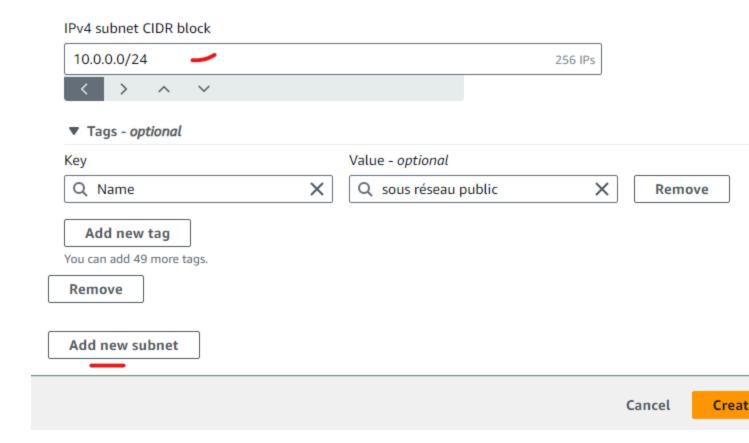


Sélectionnez le VPC que vous venez de créer



Configuration des paramètres de sous réseau





• Création du sous réseau privé

# **Subnet settings**

Specify the CIDR blocks and Availability Zone for the subnet.

#### Subnet 1 of 1

#### Subnet name

Create a tag with a key of 'Name' and a value that you specify.

sous réseau privé

The name can be up to 256 characters long.

#### Availability Zone Info

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

US East (N. Virginia) / us-east-1b

•

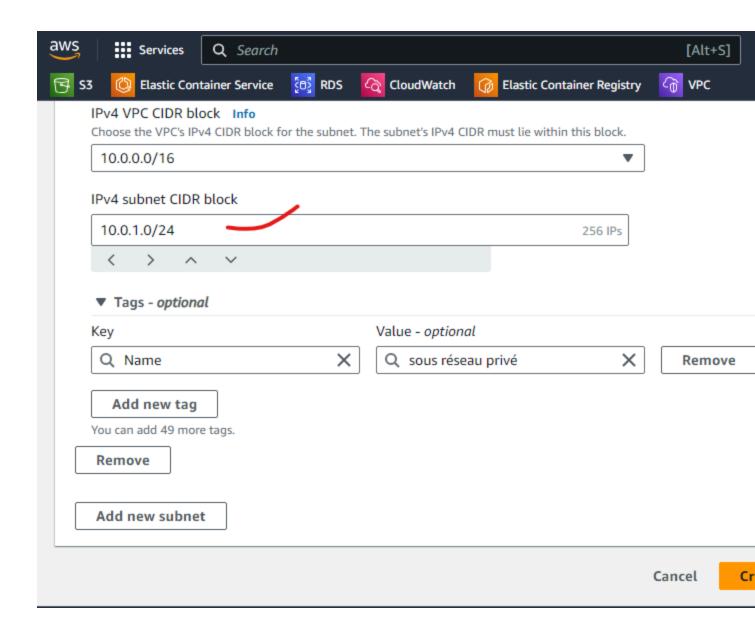
#### IPv4 VPC CIDR block Info

Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

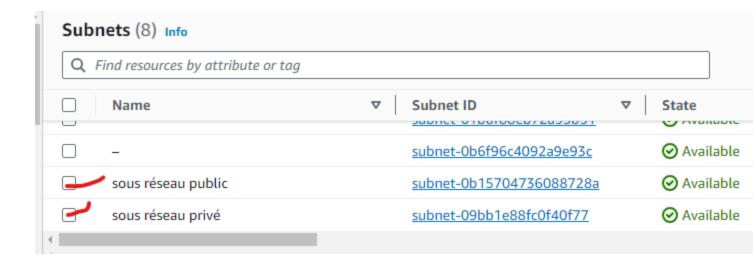
10.0.0.0/16

•

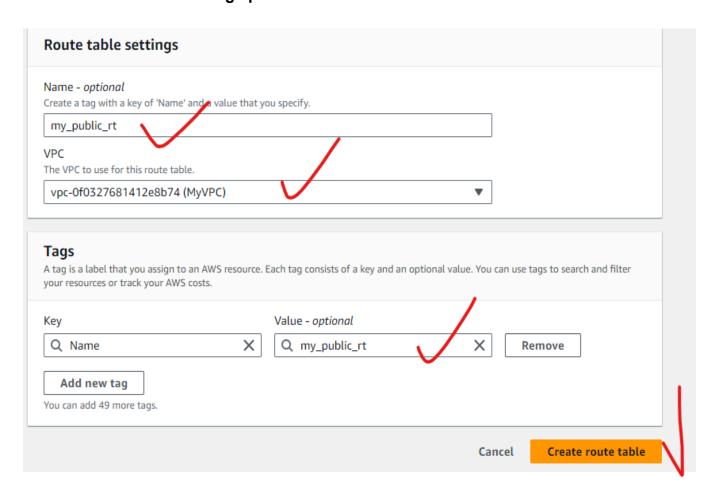
IPv4 subnet CIDR block



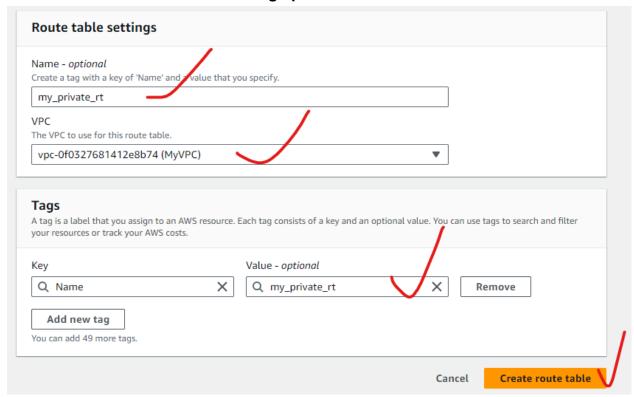
Vous venez de créer un VPC et ses sous réseaux public et privé



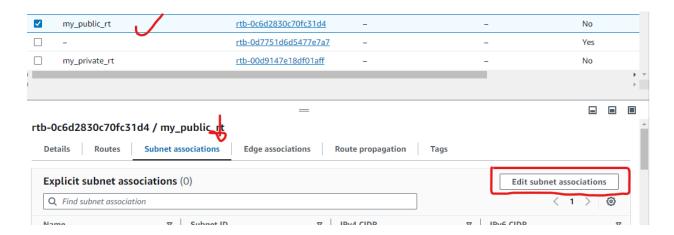
- Création des tables de routage public et privé
  - o Table de routage public

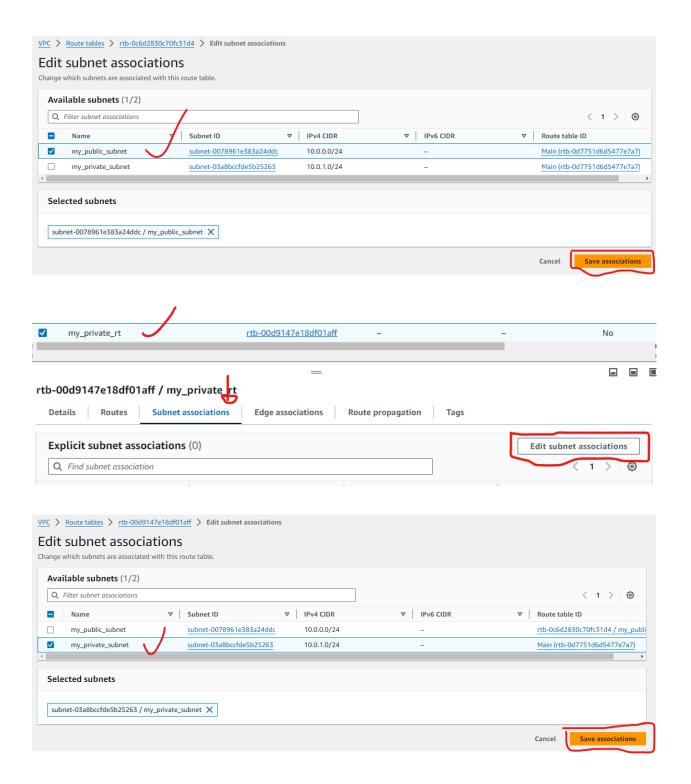


# • Création de la table de routage privé

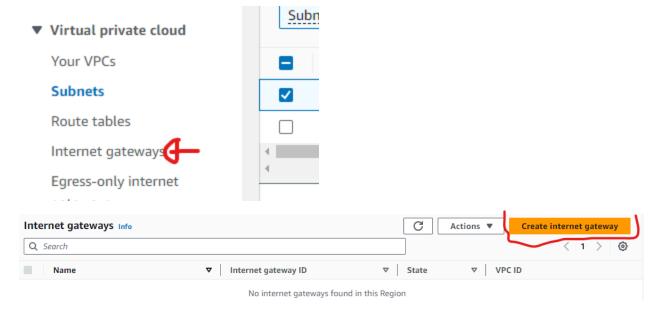


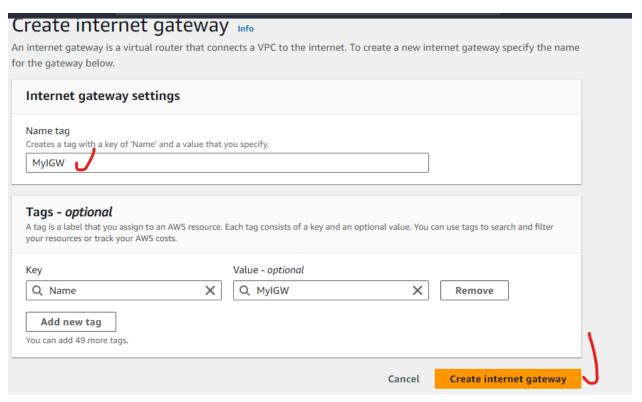
## Association des routes aux sous réseaux respectifs





• Création de la passerelle internet







# Création de la passerelle NAT

Elastic IPs

Managed prefix lists

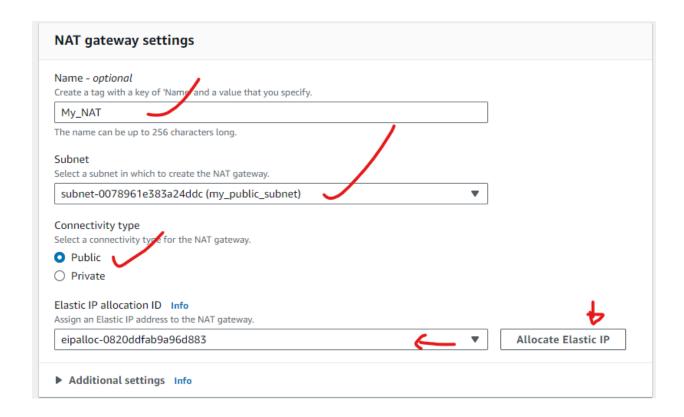
Endpoints

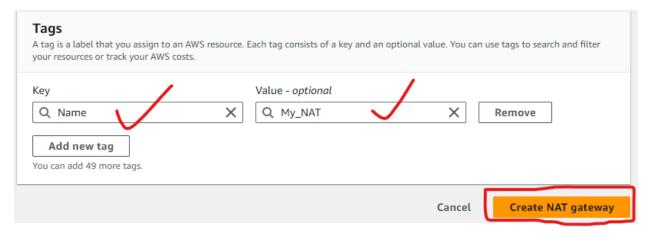
Endpoint services

NAT gateways

Peering connections

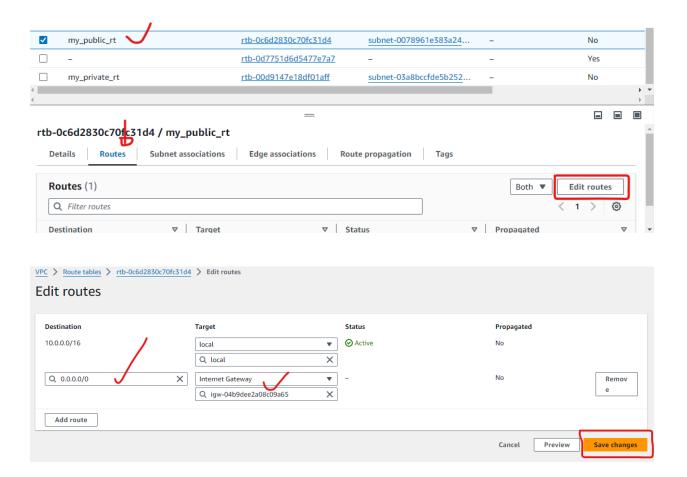
### **▼** Security



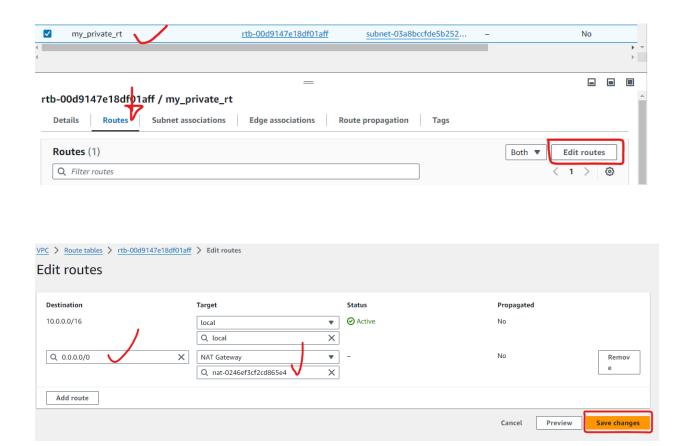


## • Edition des différentes routes

## Public



Privé



Bravo et félicitations!!! Vous venez de mettre en place votre réseau privé virtuel (VPC) avec tous ses composants à savoir les sous réseaux, les différentes routes, les passerelles internet et NAT.