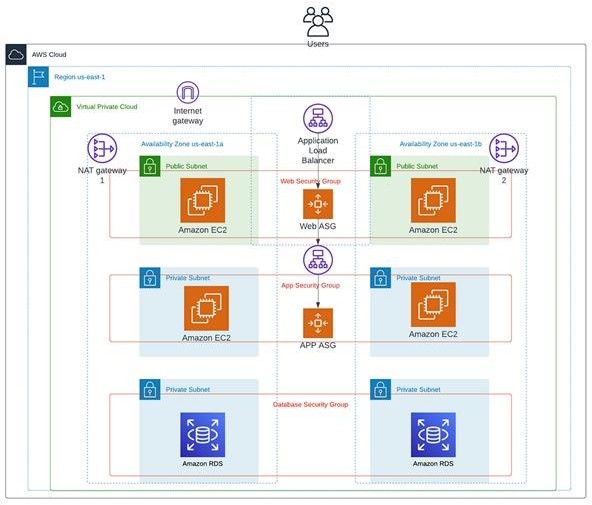
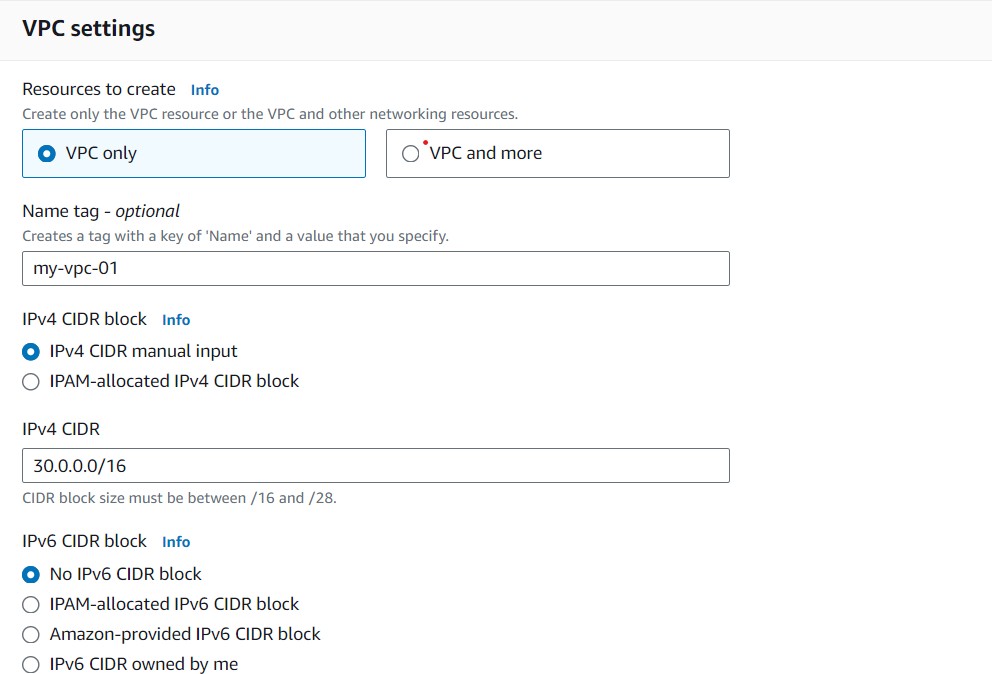
3-Tier Architecture Project



CREATE VPC:

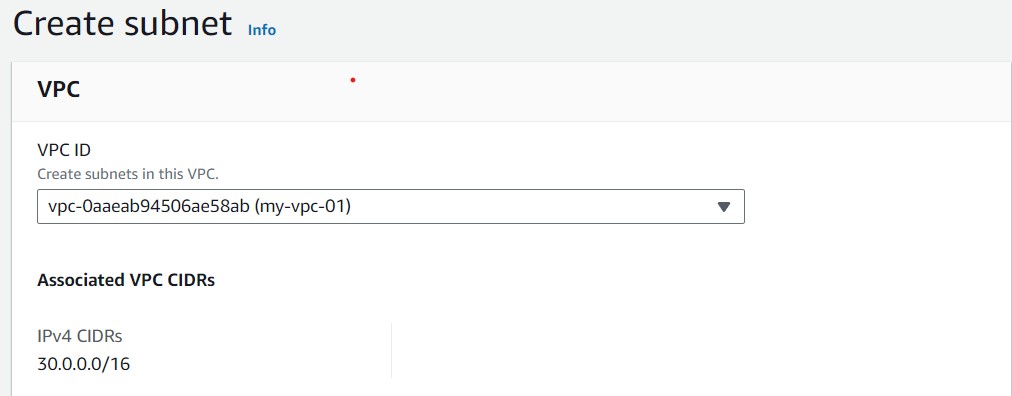
IPV4 CIDR: 30.0.0.0/16

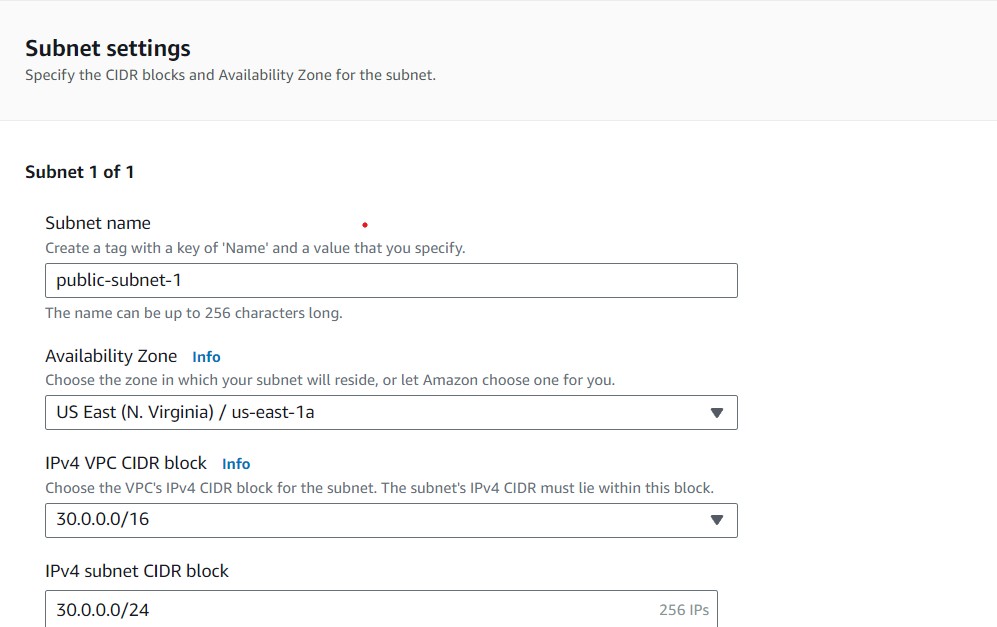


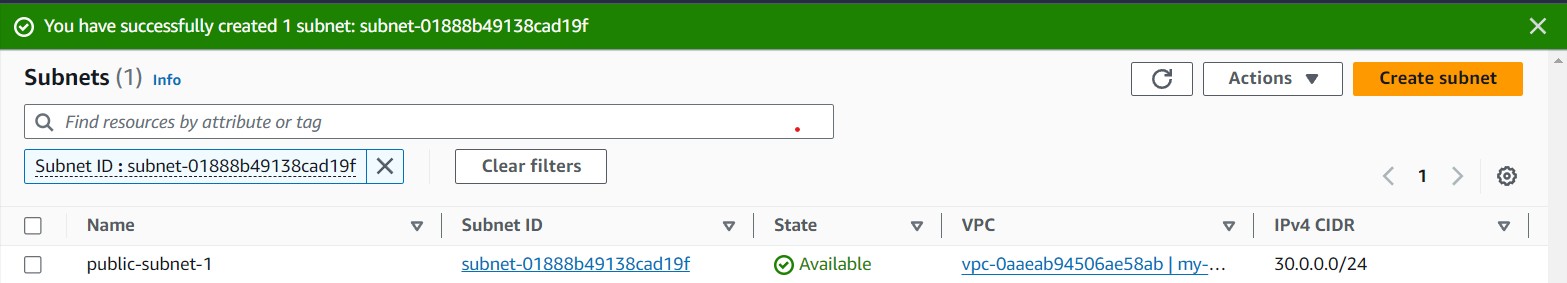


CREATE SUBNET: 1

NAME: public-subnet-1 IPV4: 30.0.0.0/24



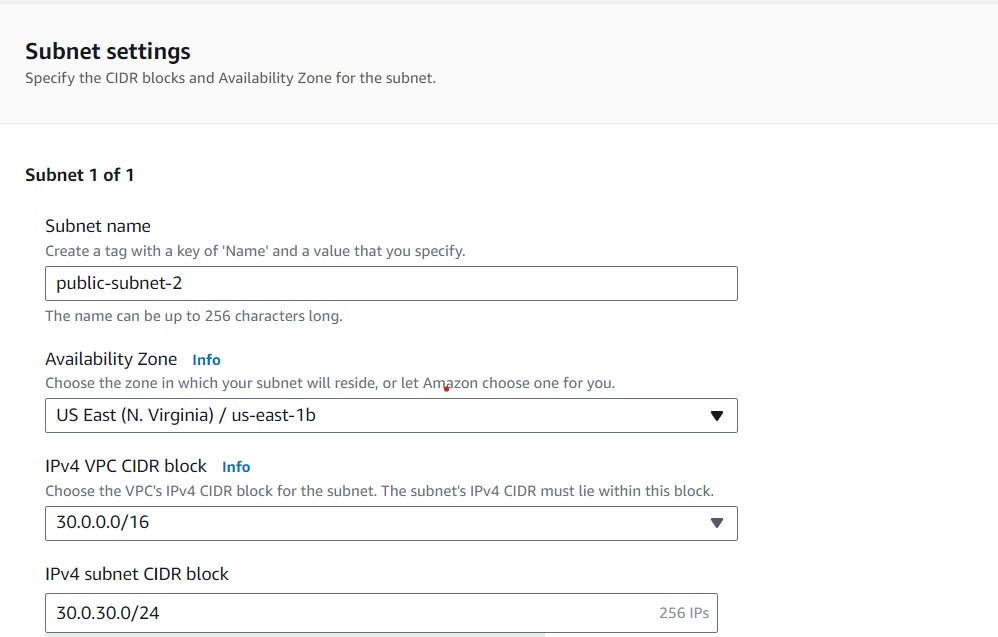


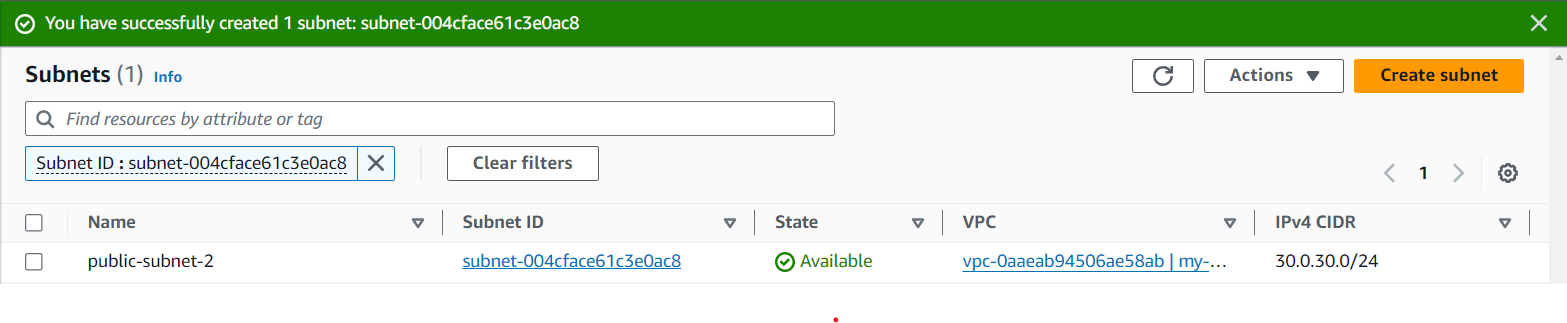


CREATE SUBNET: 2

NAME: publice-subnet-2 IPV4: 30.0.30.0/24

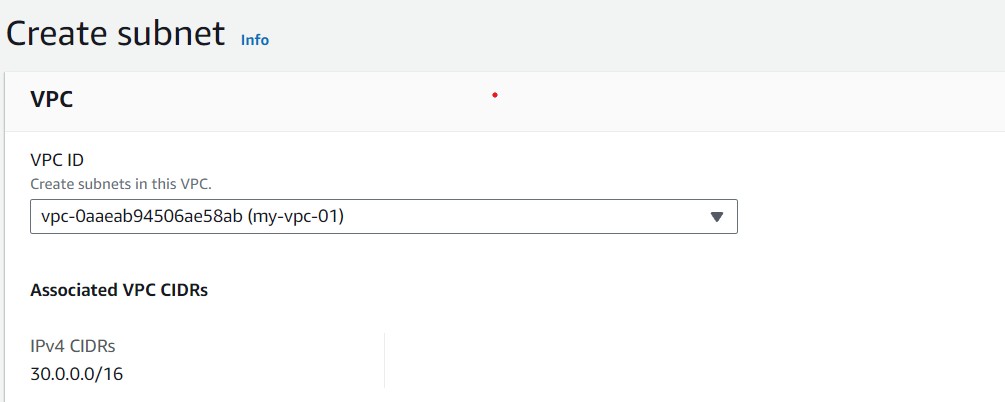


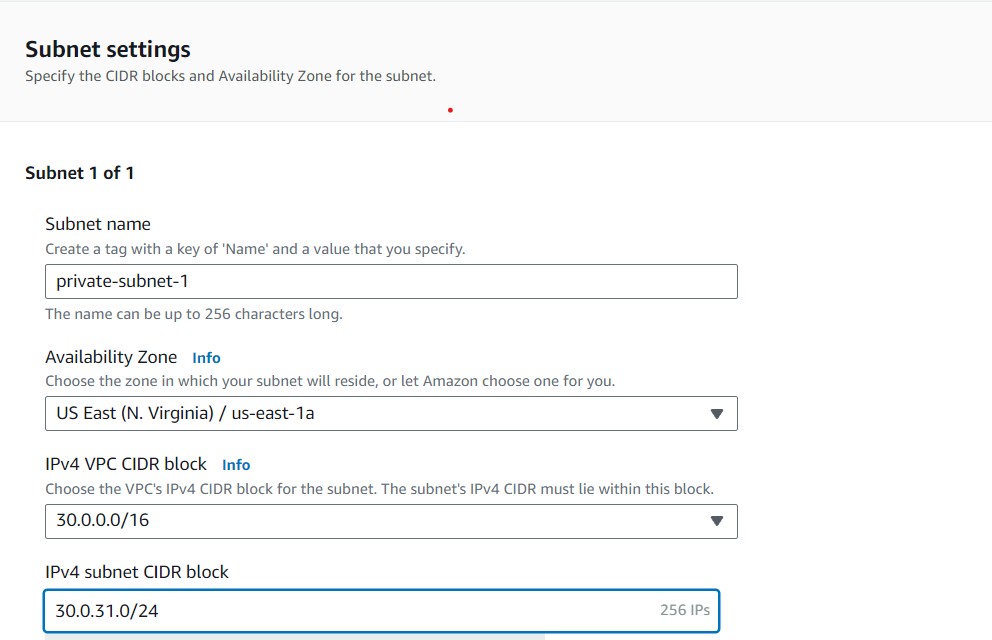


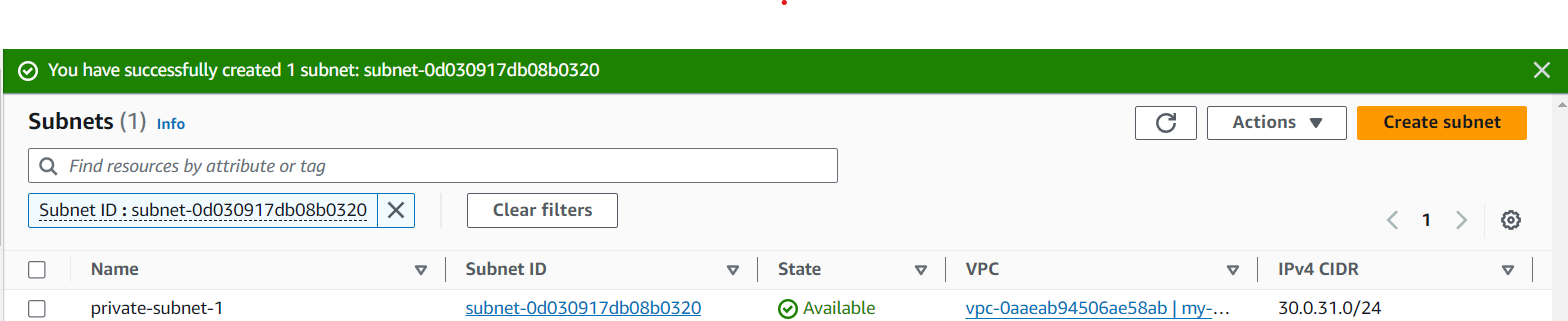


CREATE SUBNET: 03

NAME: private-subnet-1 IPV4: 30.0.31.0/24

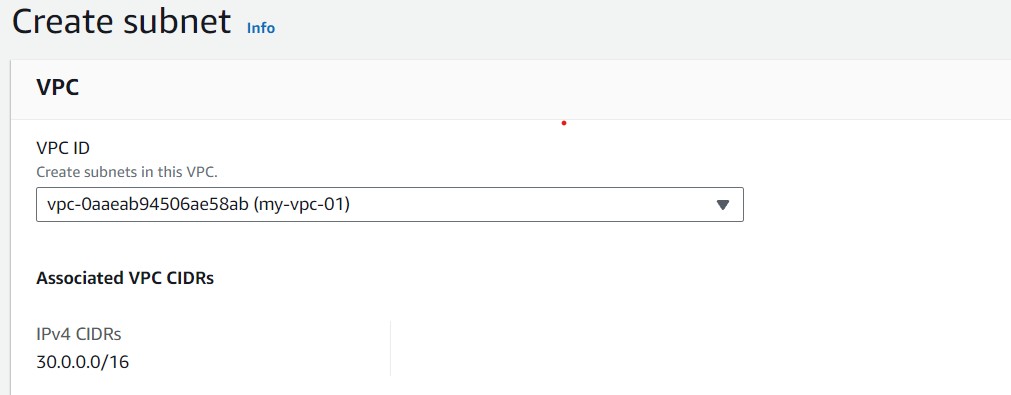


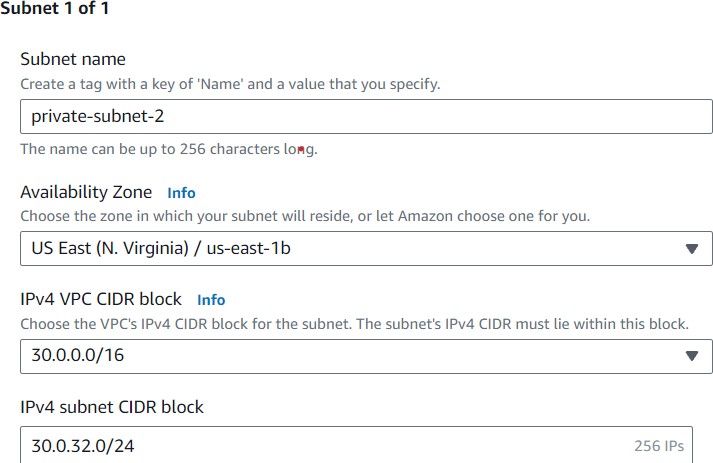


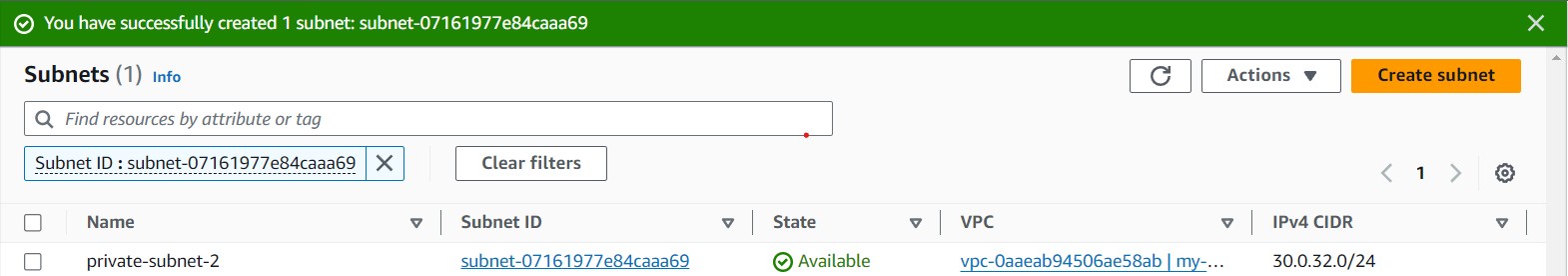


CREATE SUBNET: 04

NAME: private-subnet-2 IPV4: 30.0.32.0/24

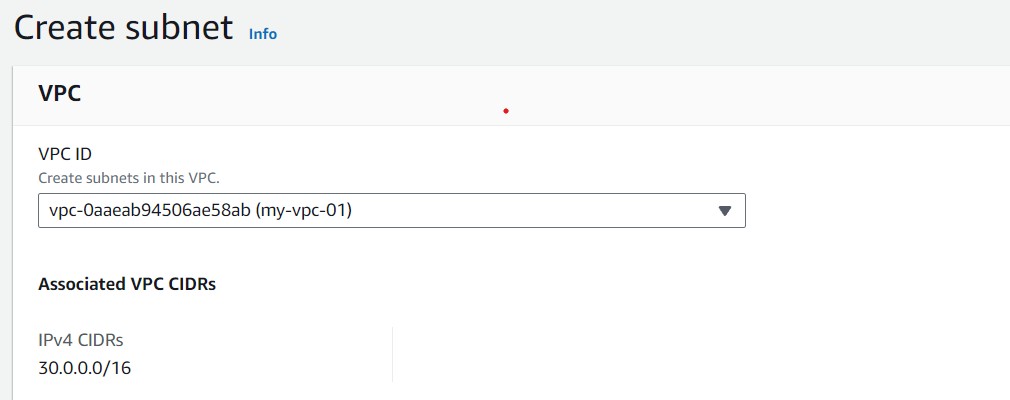


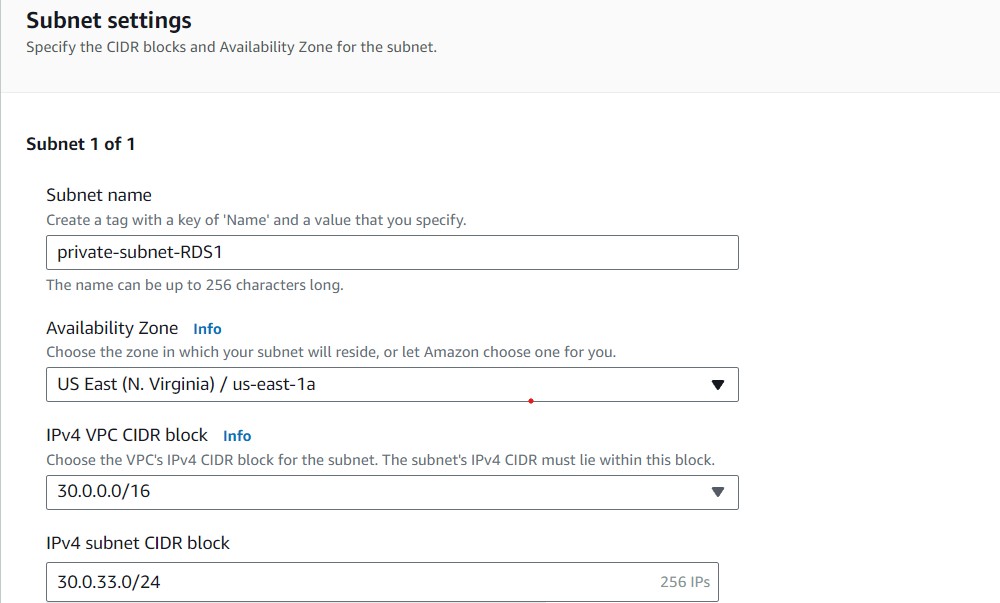


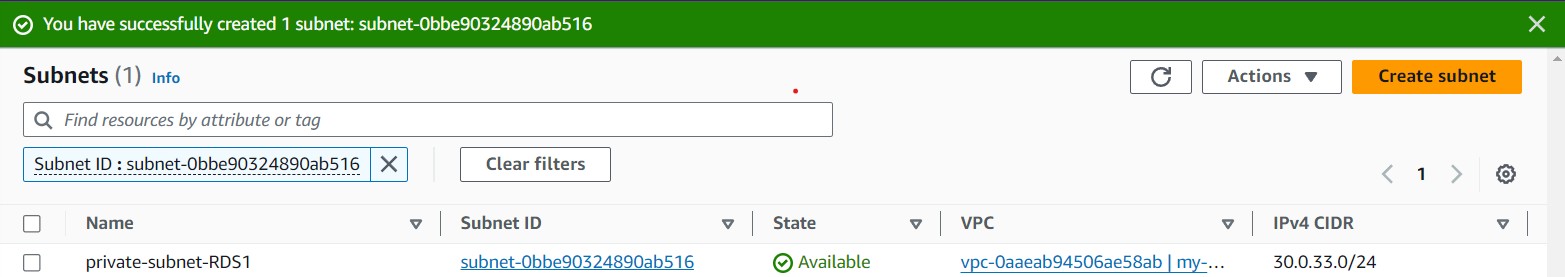


CREATE SUBNET: 05

NAME: private-subnet-RDS1 IPV4: 30.0.33.0/24





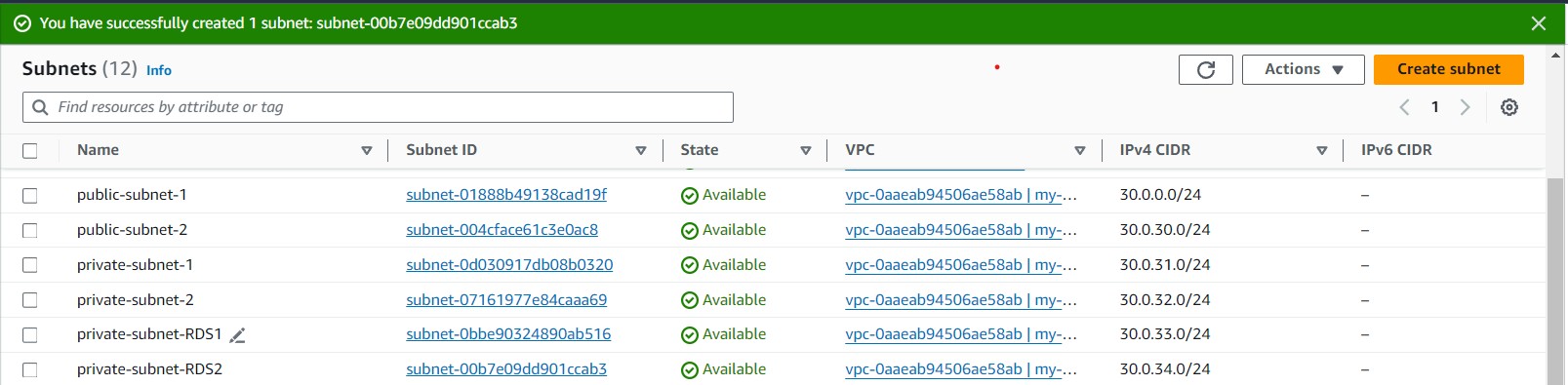
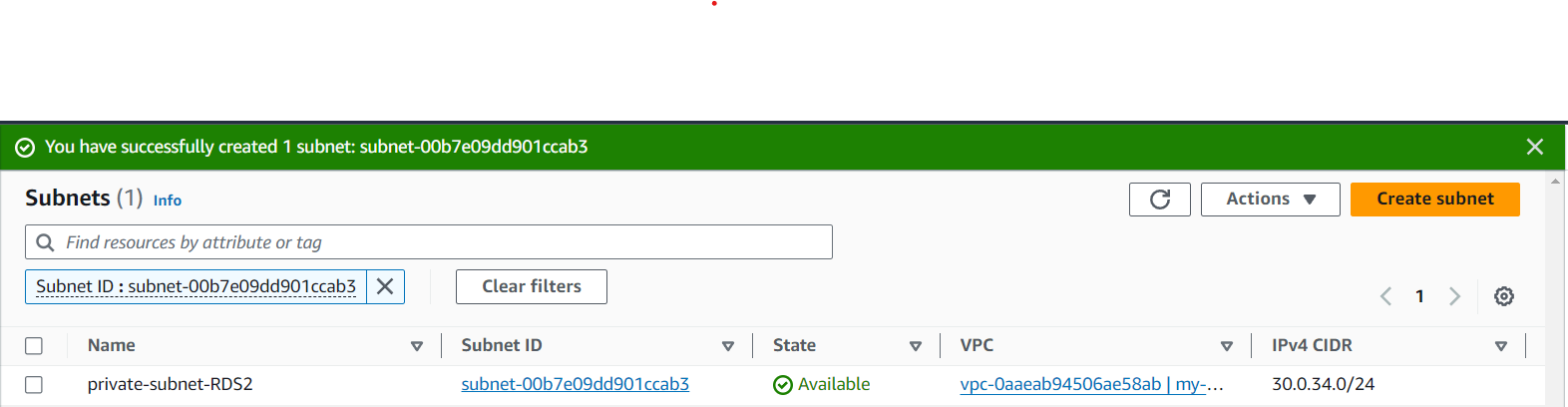


CREATE SUBNET: 06

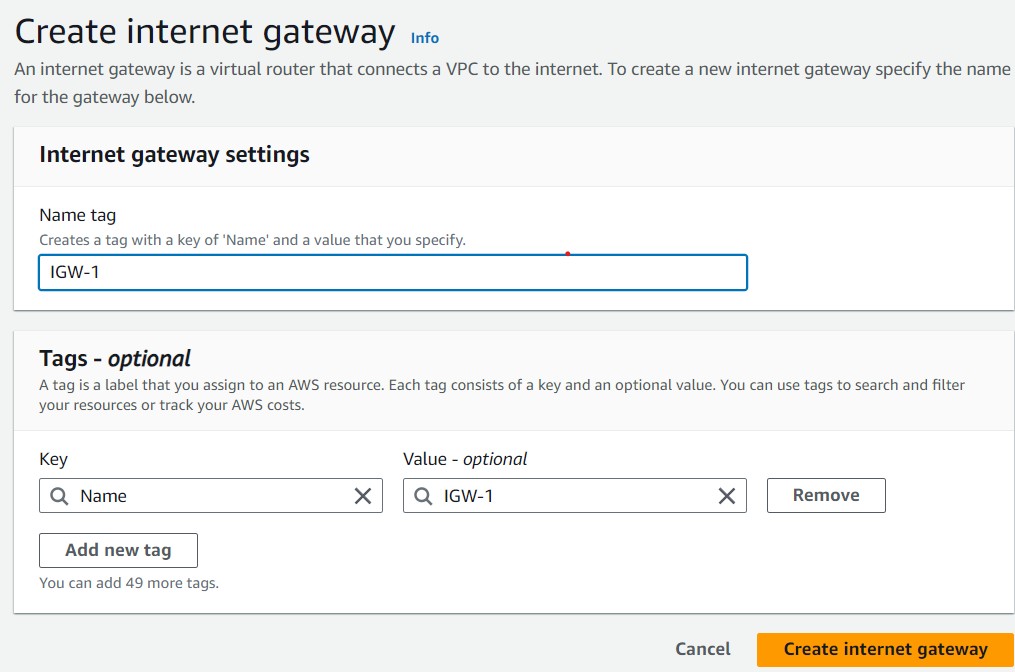
NAME: private-subnet-RDS2 IPV4:30.0.34.0/24

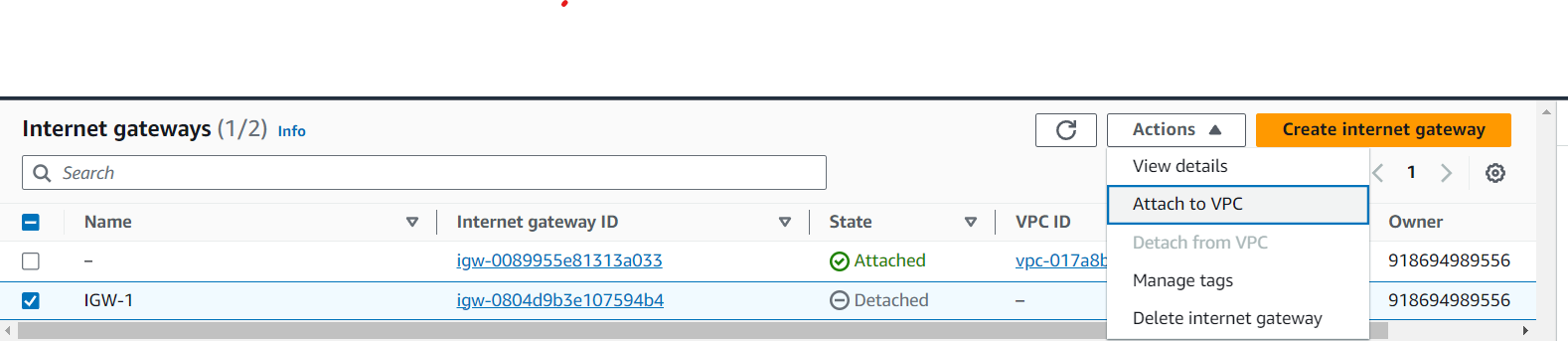
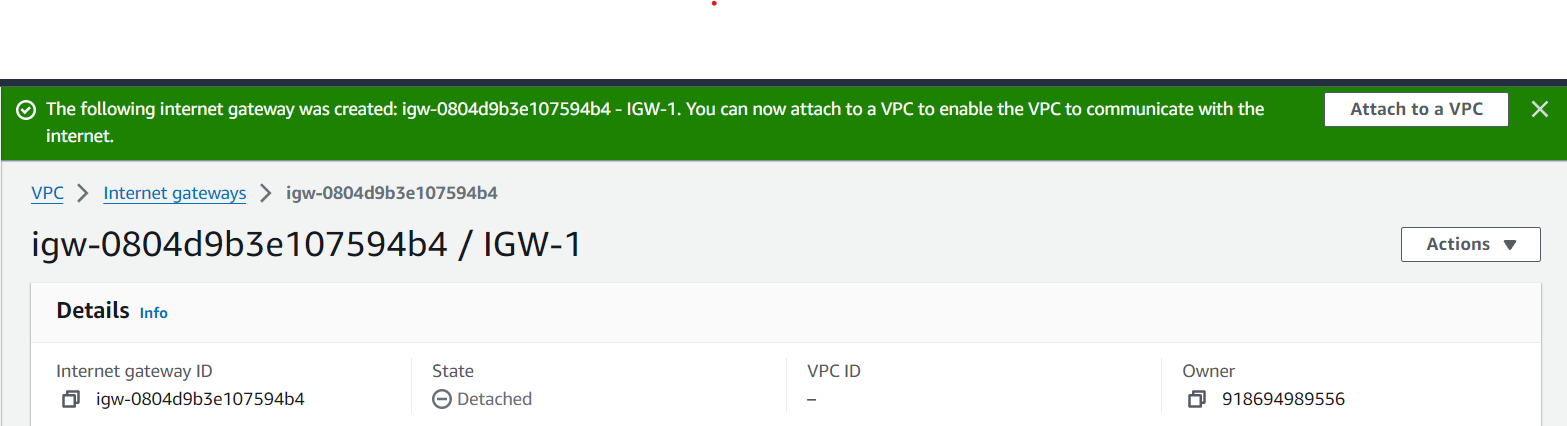


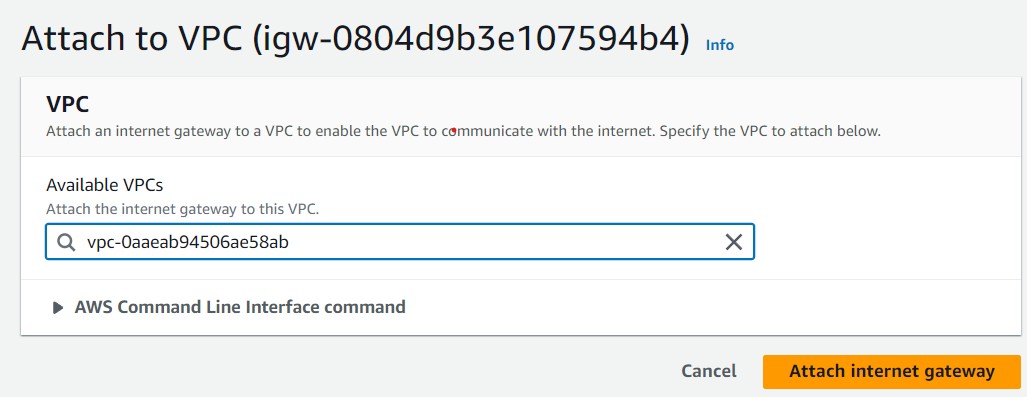


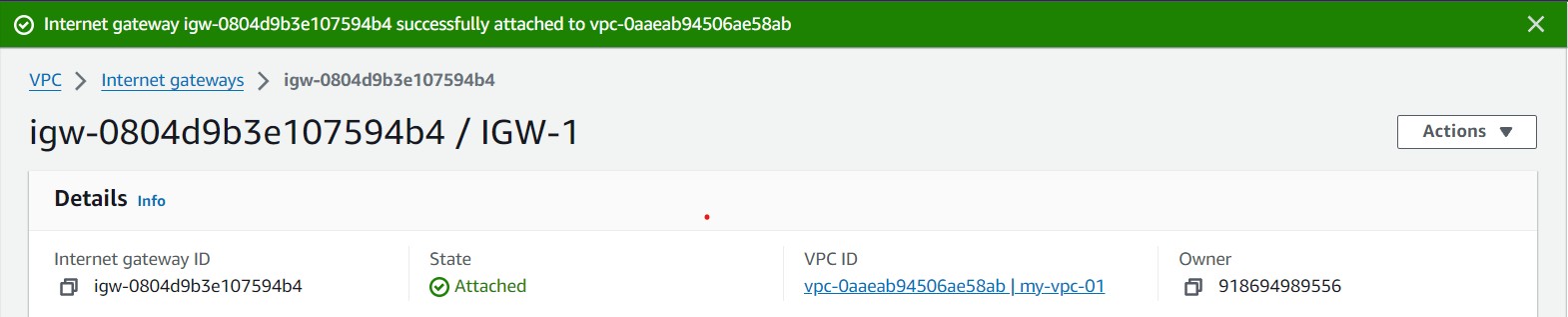


CREATE INTERNET GATEWAY AND ATTACH TO VPC: NAME: IGW-1

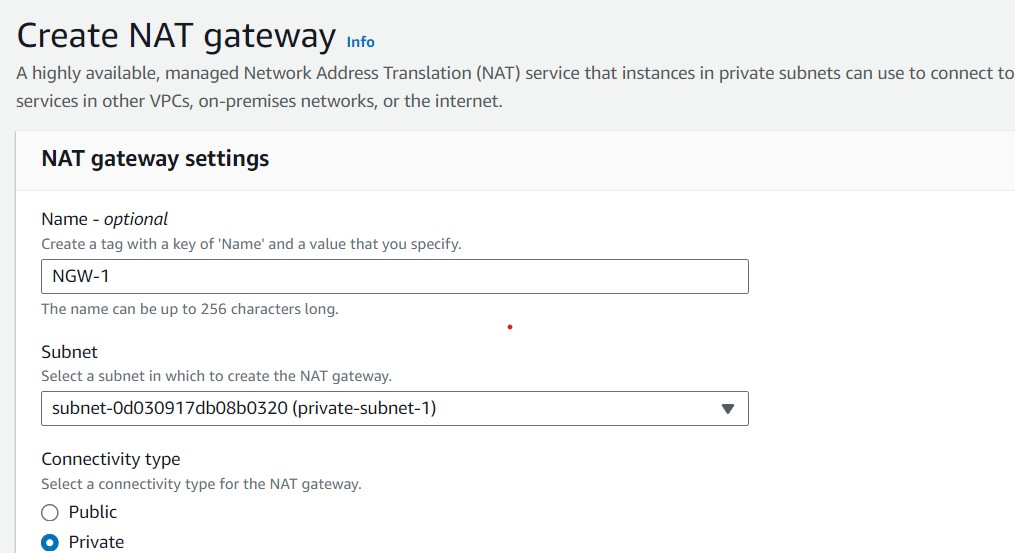


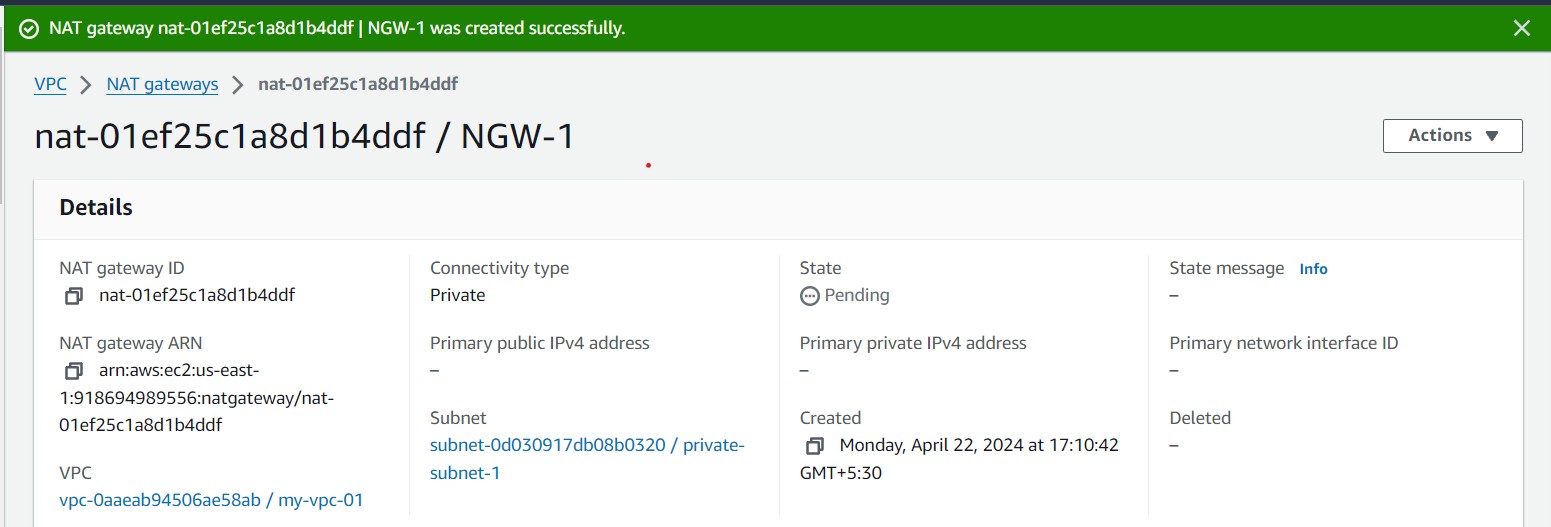






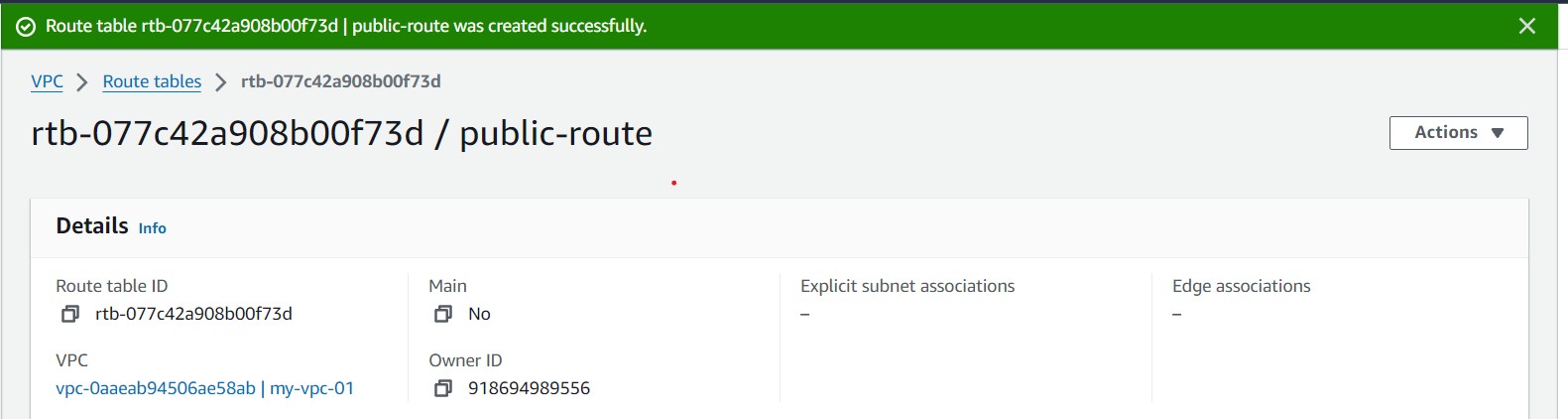
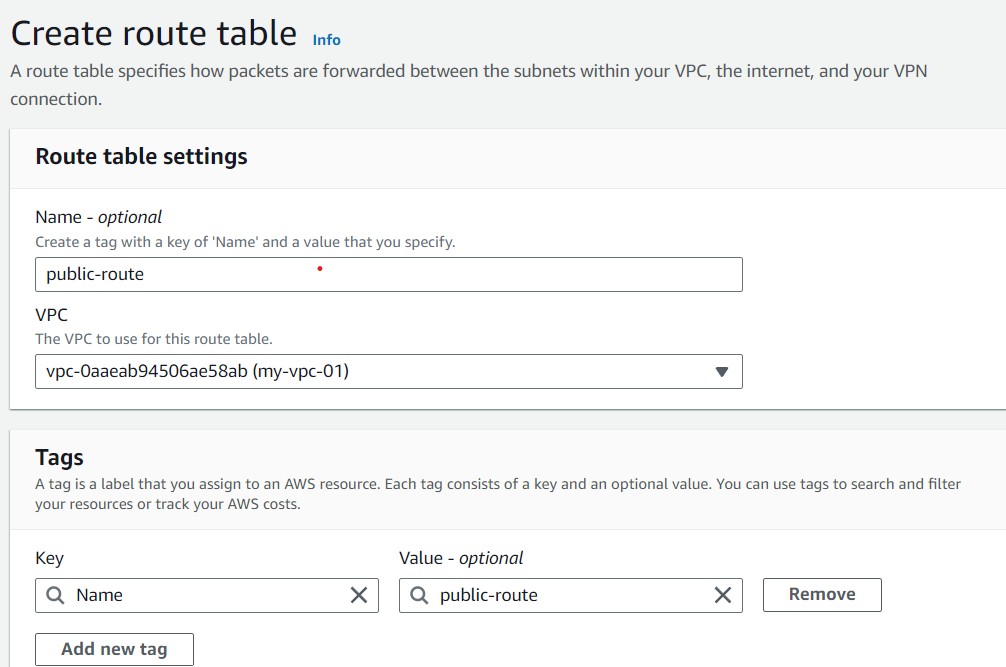
CREATE NAT GATEWAY NAME: NGW-1



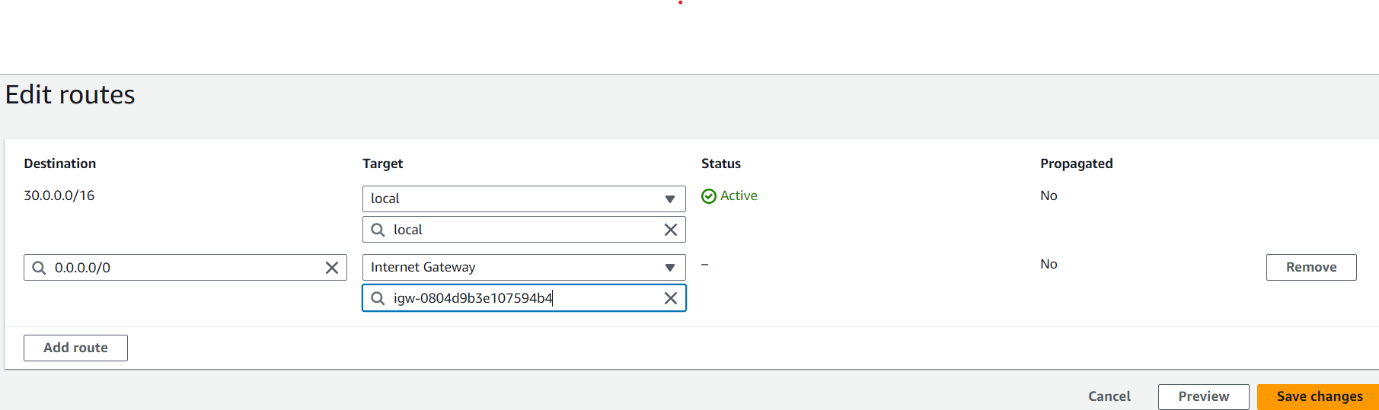
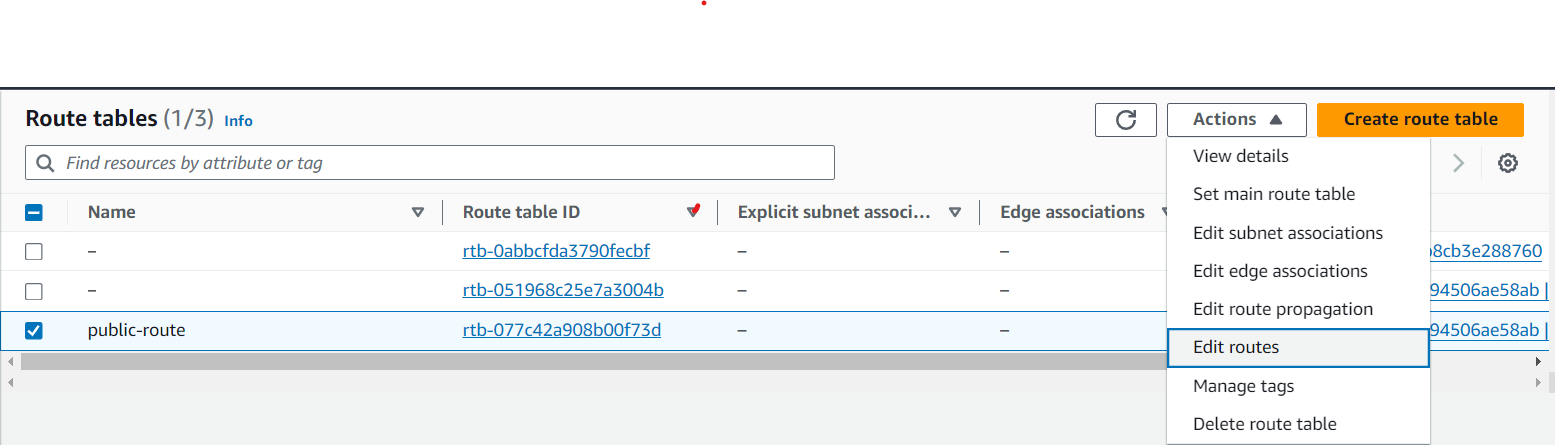


CREATE ROUTE TABLE: 01

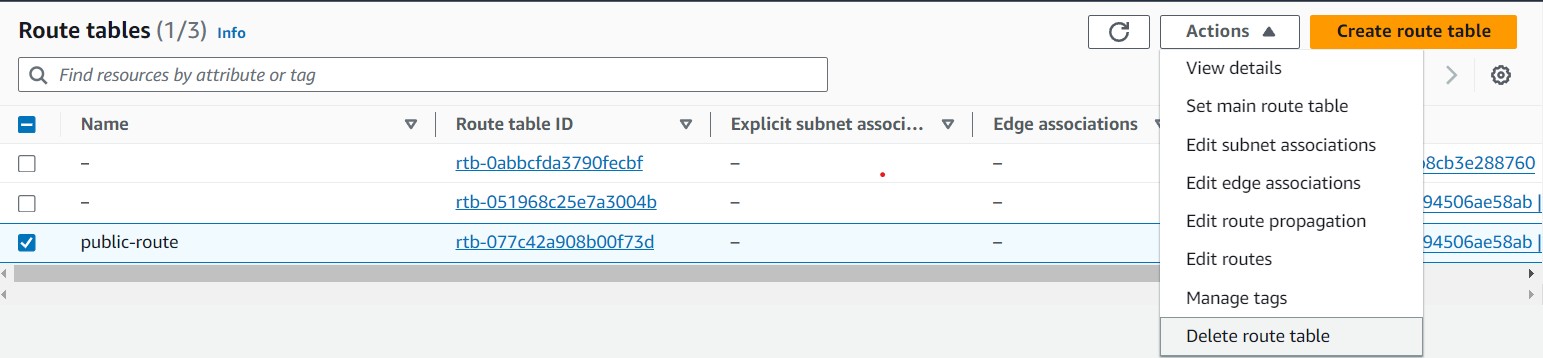
NAME: public-route

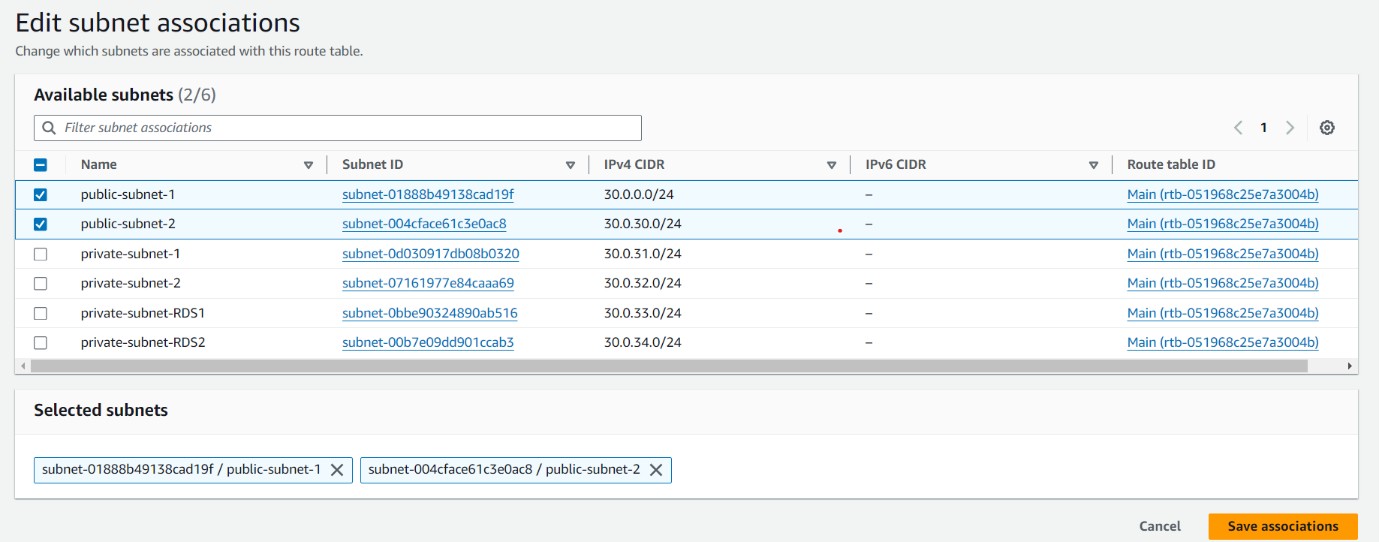


Here I edit the public route and attach internet gateway



EDIT THE SUBNET ASSOCIATIONS AND ATTACH THE TWO PUBLIC SUBNETS TO PUBLIC ROUTE TABLE

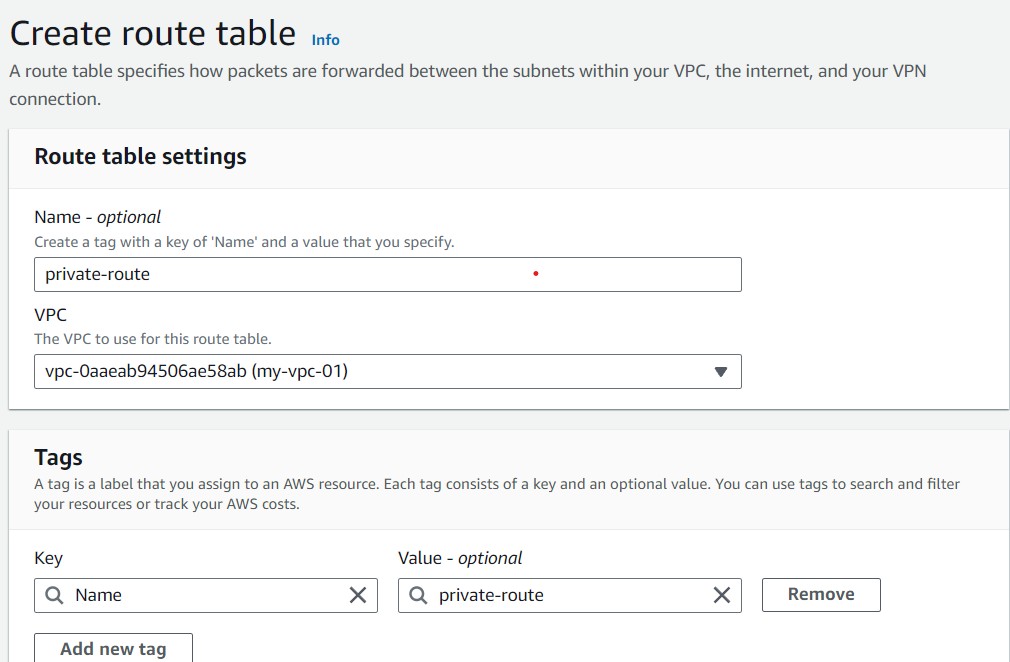


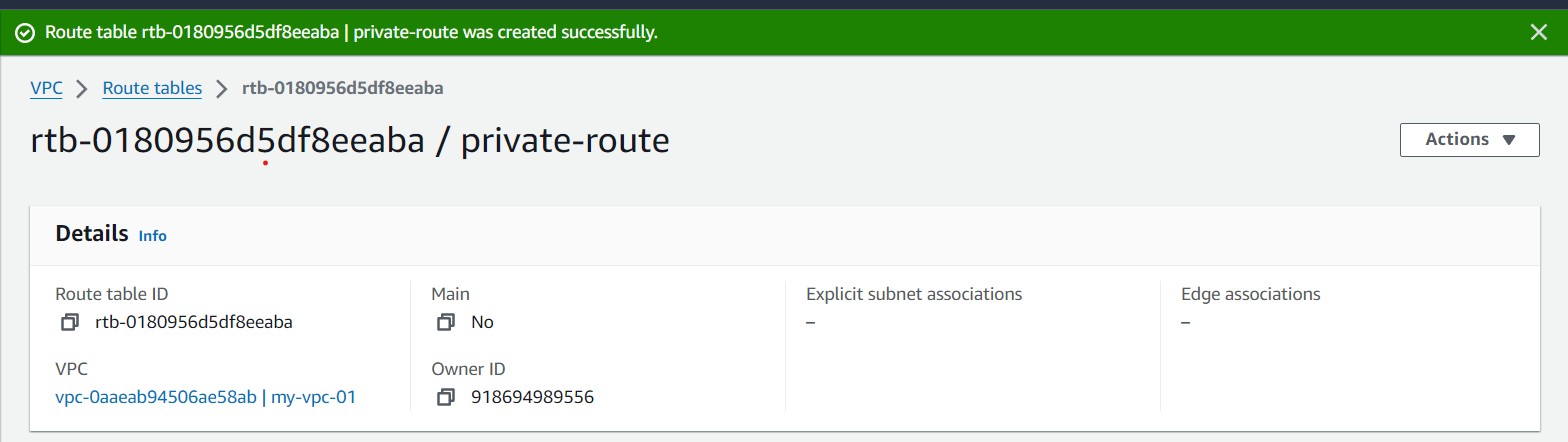




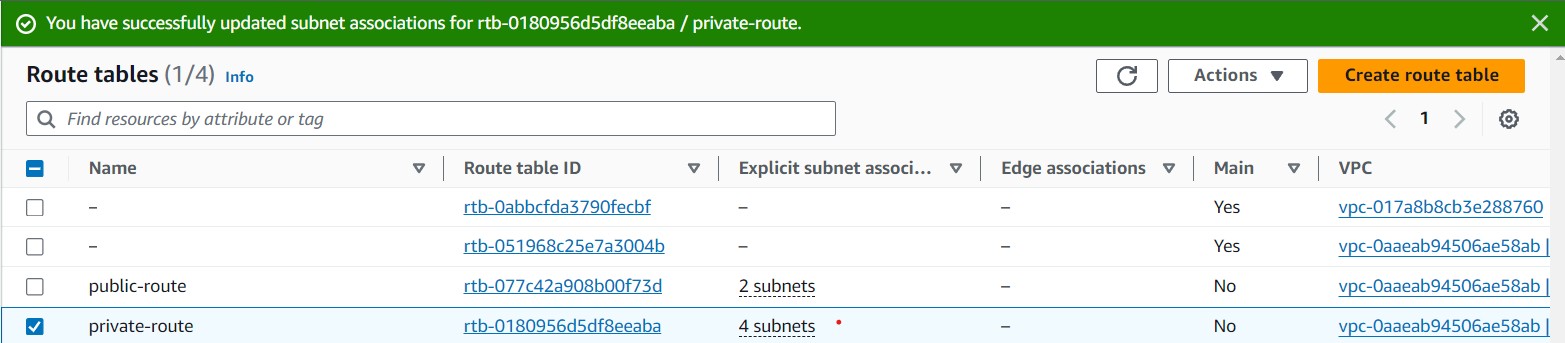
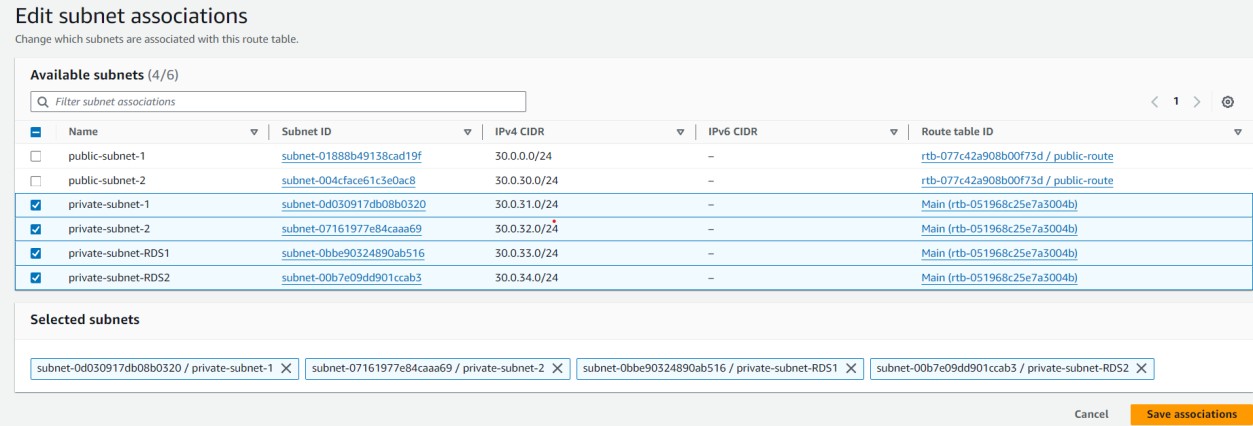
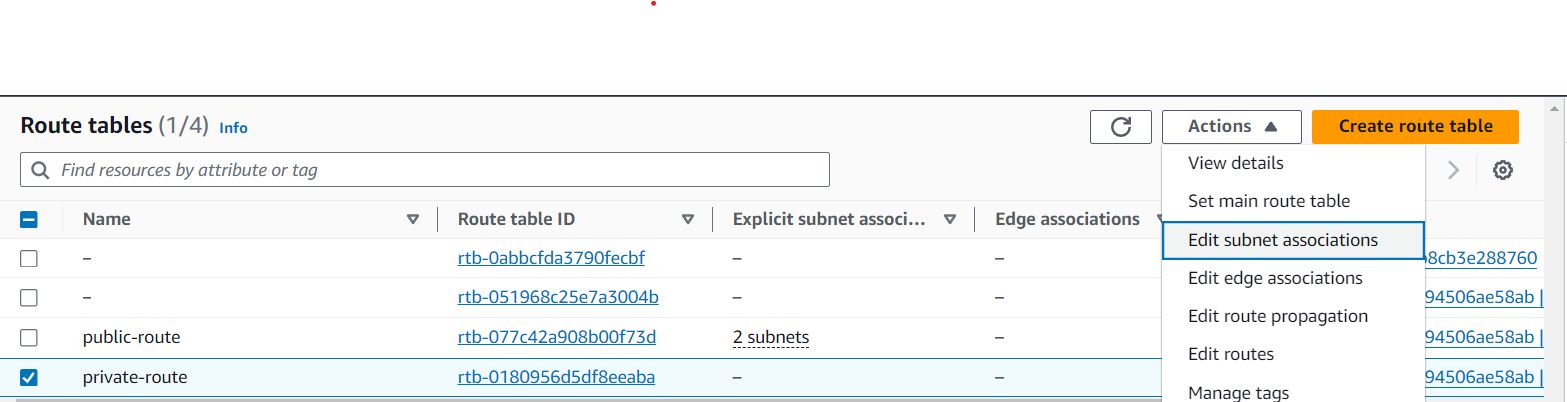
NOW CREATE THE PRIVATE ROUTE TABLE:

NAME: private-route

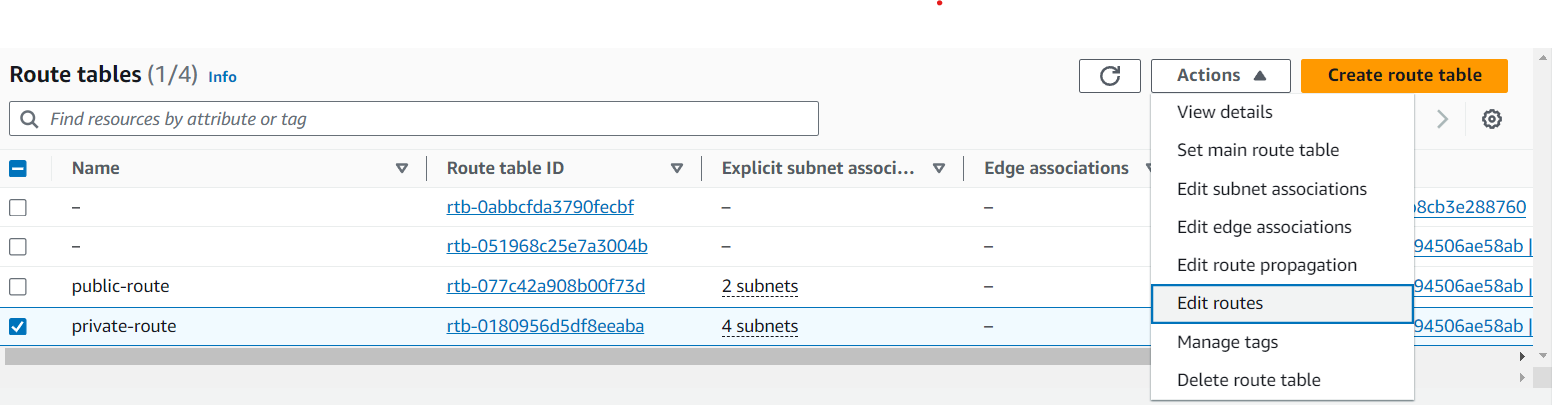


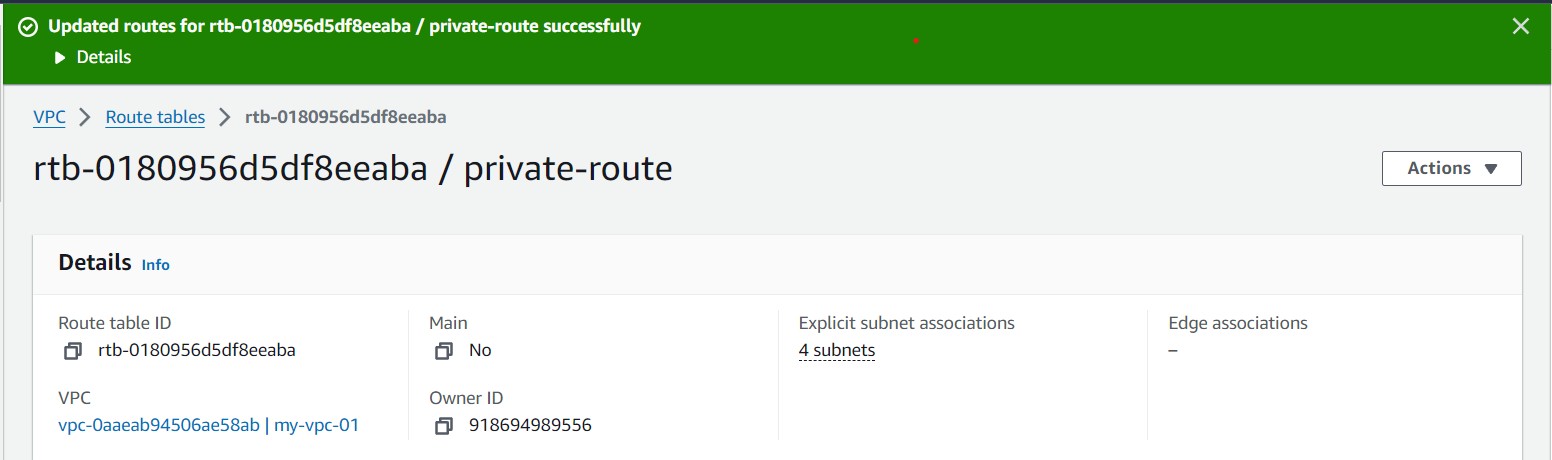
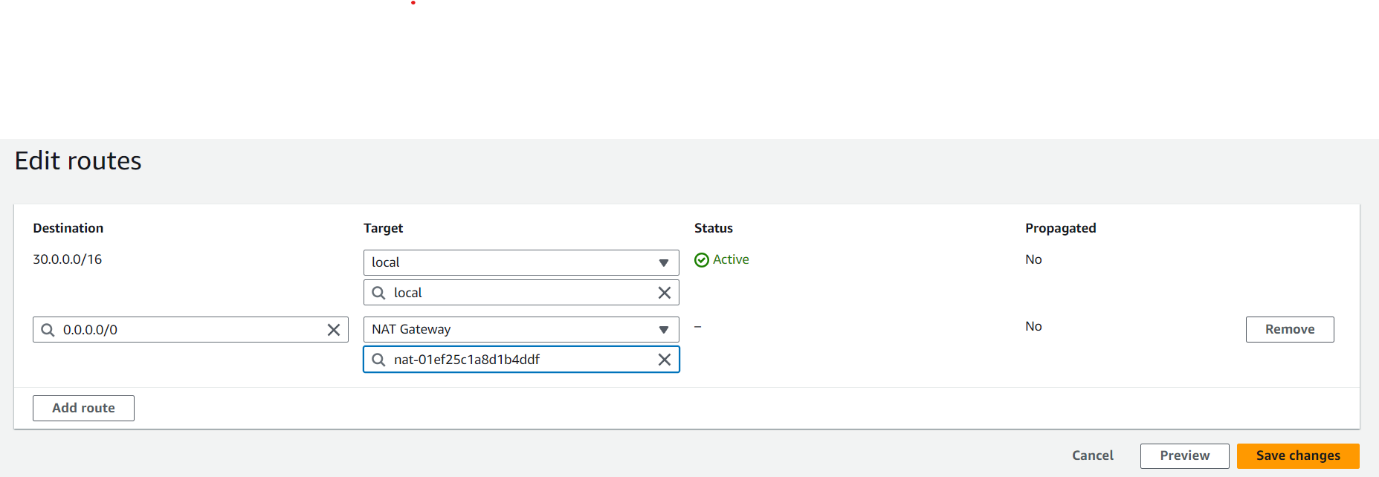


HERE I EDIT SUBNET ASSOCIATION AND ATTACH FOUR PRIVATE SUBNETS TO THE PRIVATE ROUTE TABLE

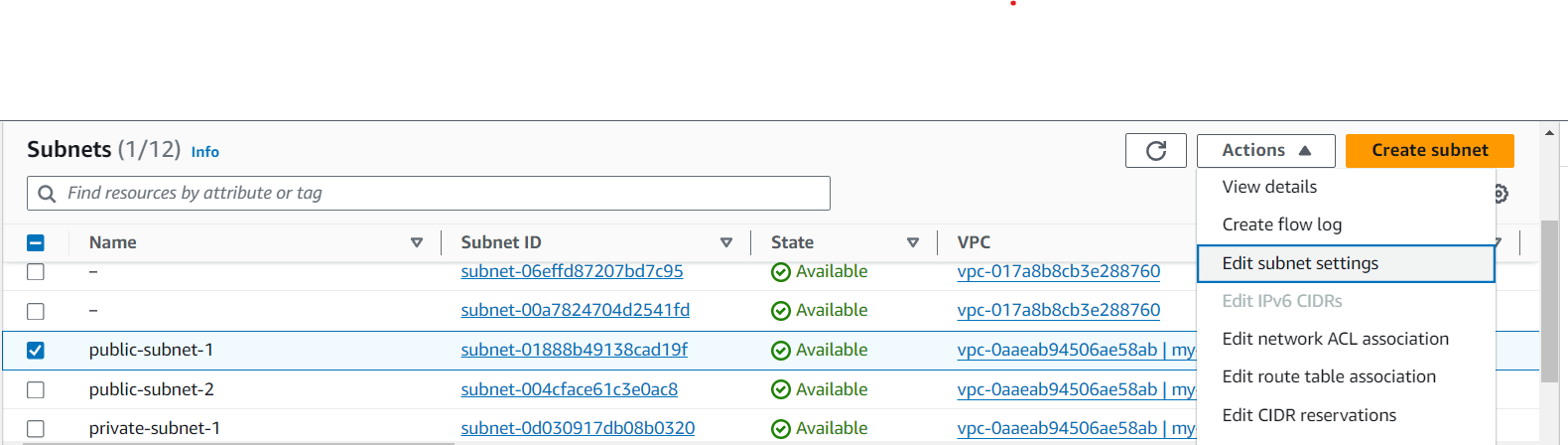


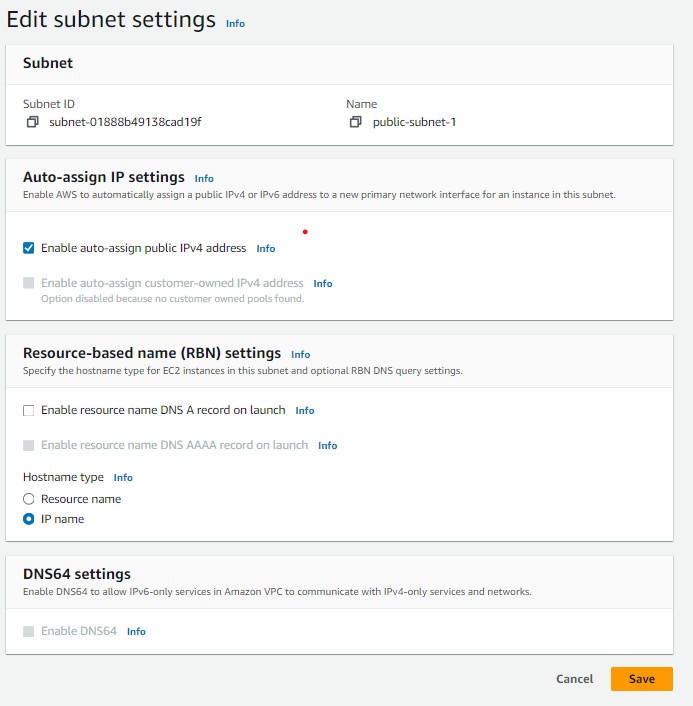
NOW EDIT THE PRIVATE ROUTE TABLE AND ATTACH NAT GATEWAY





HERE I GO TO ACTION AND EDIT SUBNET SETTINGS TO ENABLE AUTO ASSIGN PUBLIC IPV4 ADDRESS



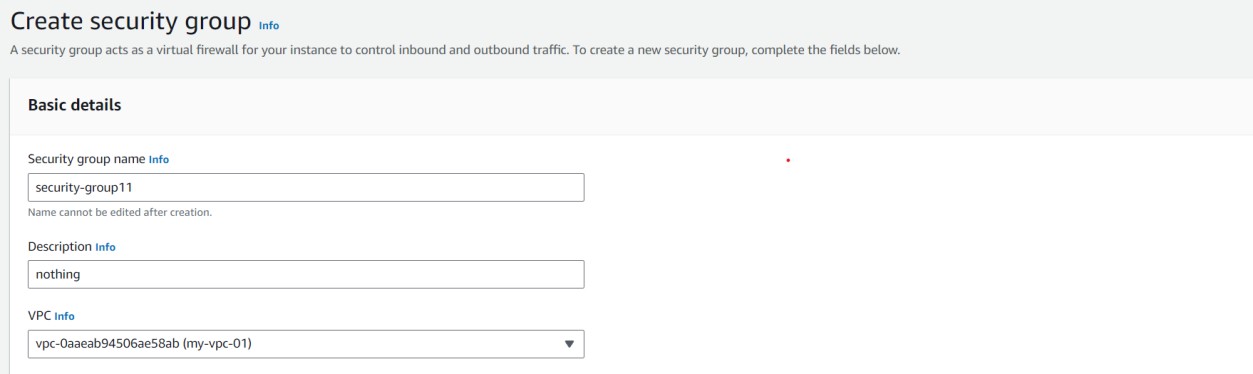


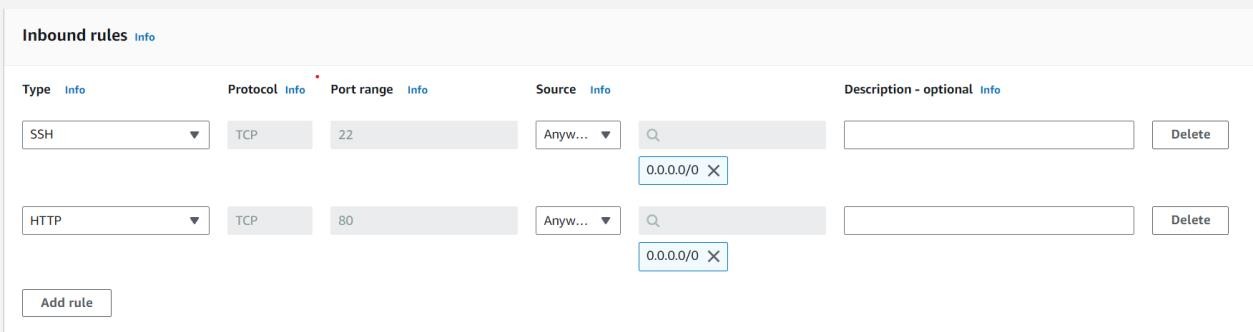


NOTE: HERE SAME PROCESS TO REMAINING FIVE SUBNETS

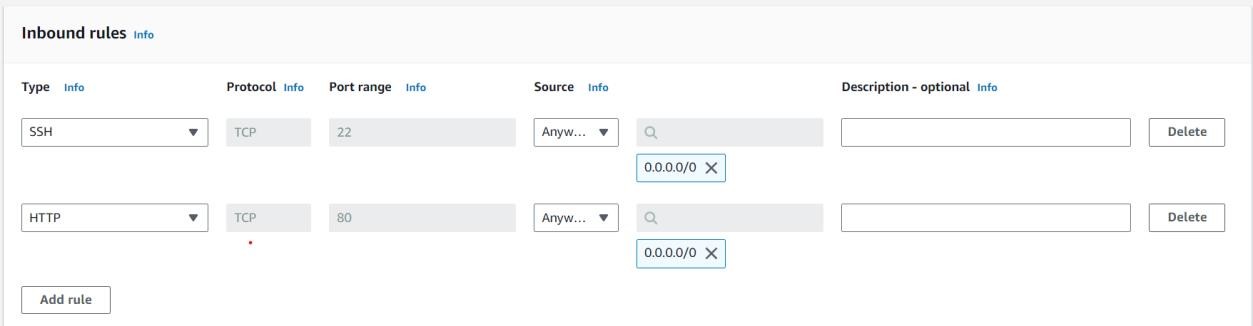
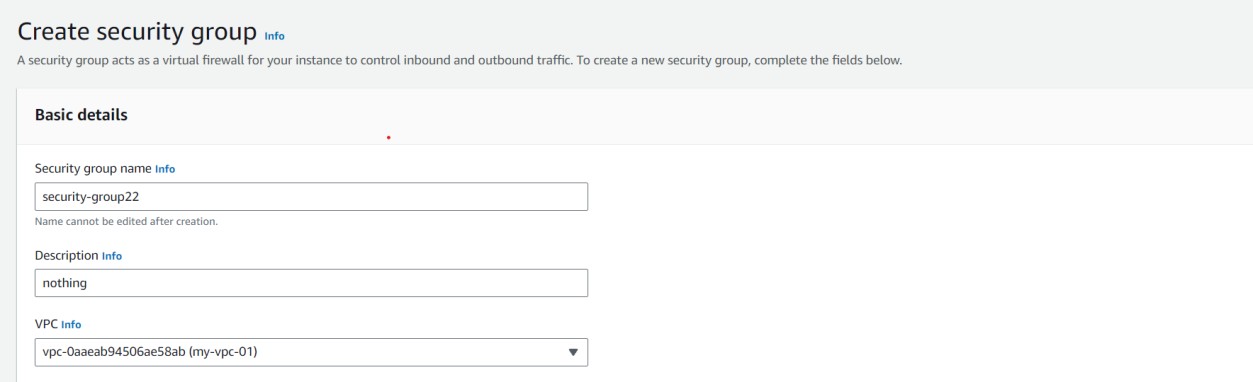
CREATS SECURITY GROUPS: 02

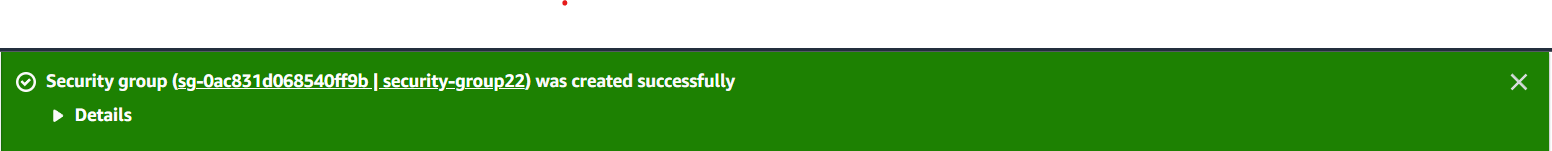
FIRST SECURITY GROUP NAME: security-group11





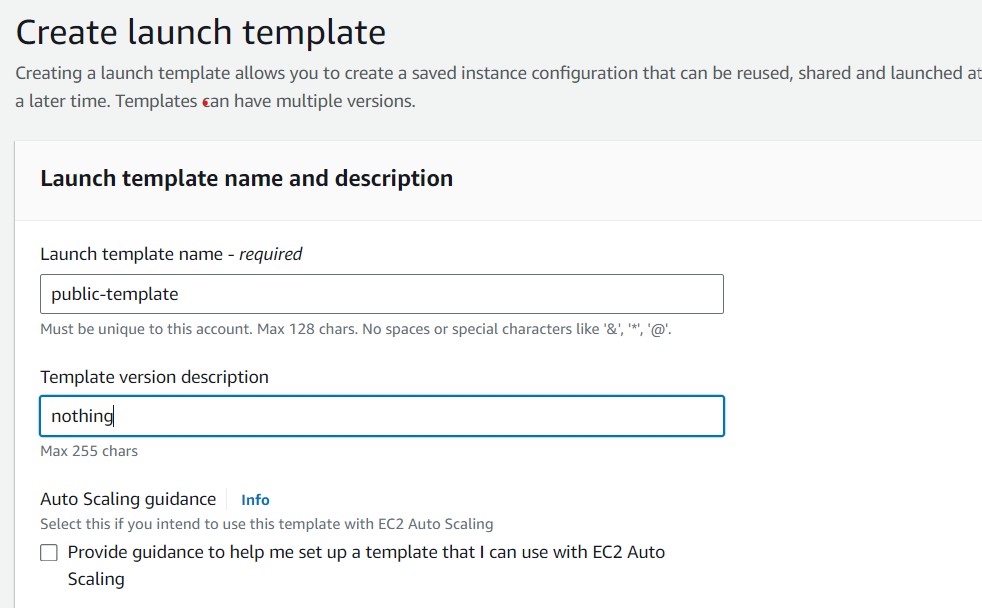
SECOND SECURITY GROUP NAME: security-group22

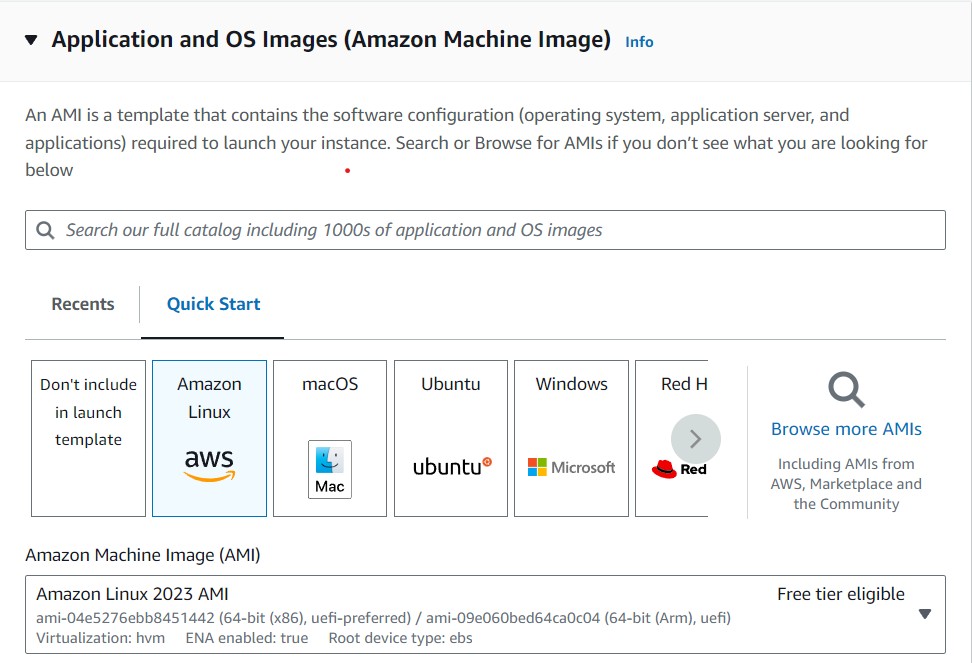


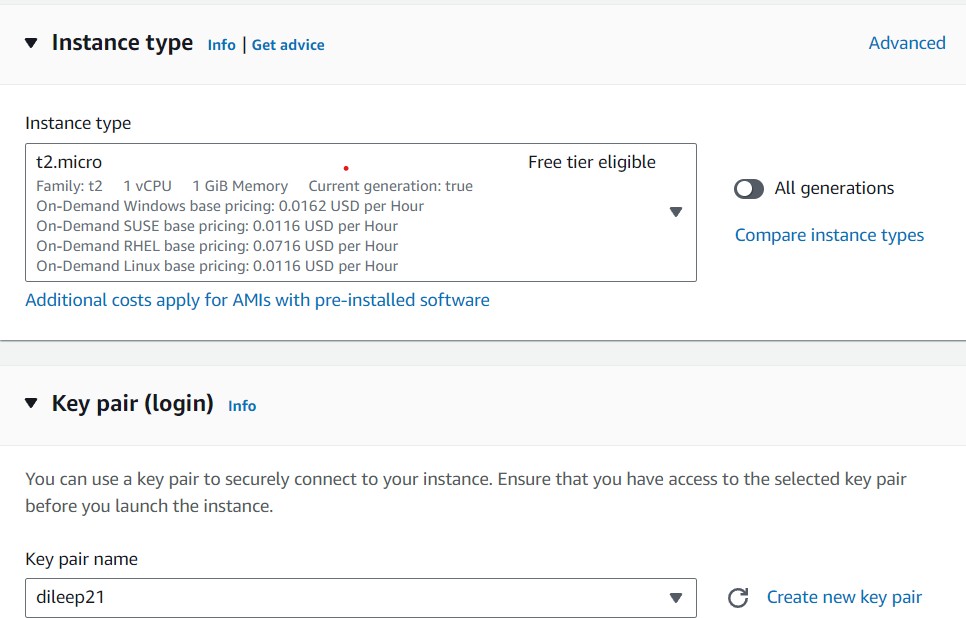


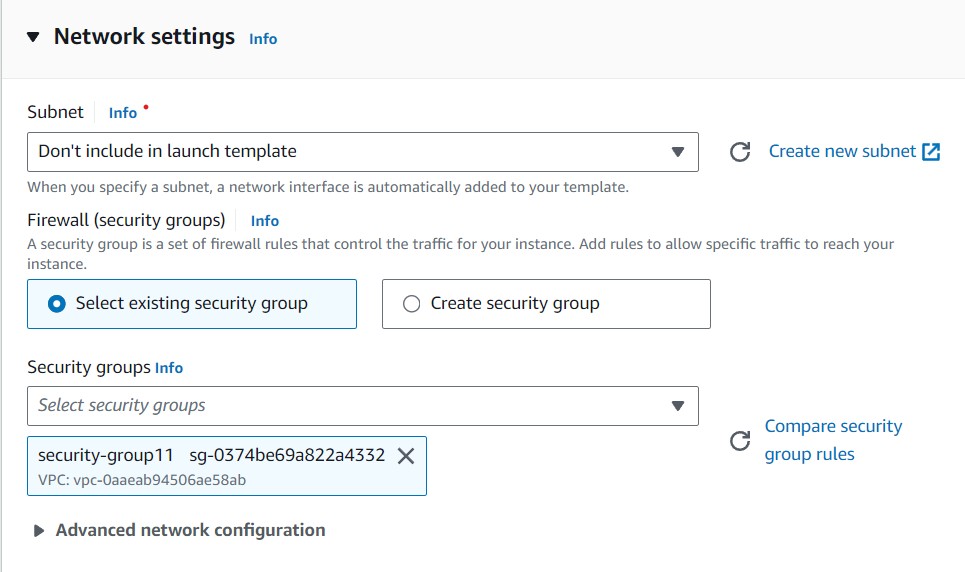
NOW LAUNCH TWO TEMPLATES:

FIRST TEMPLATE NAME: public-template



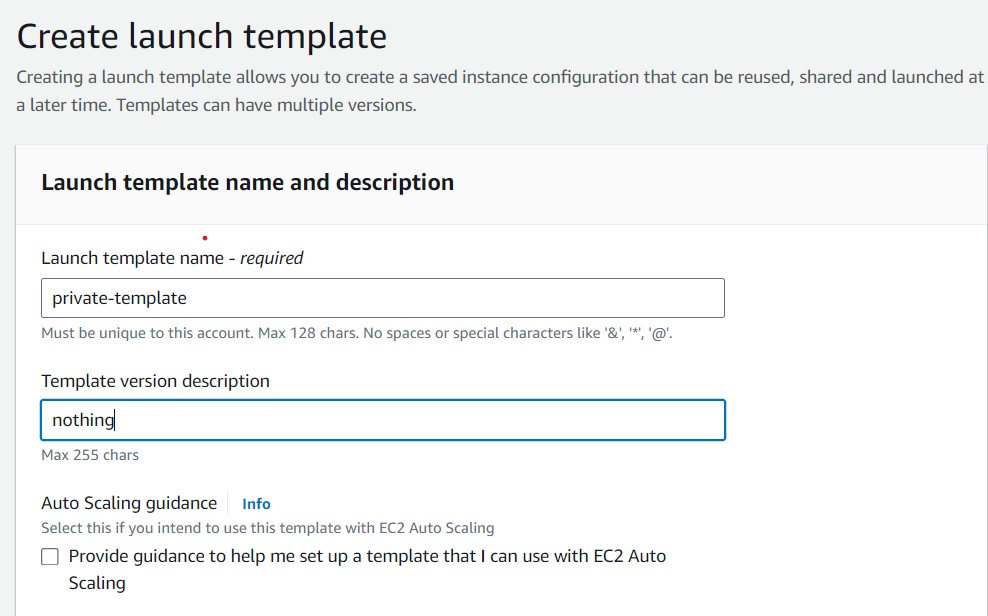




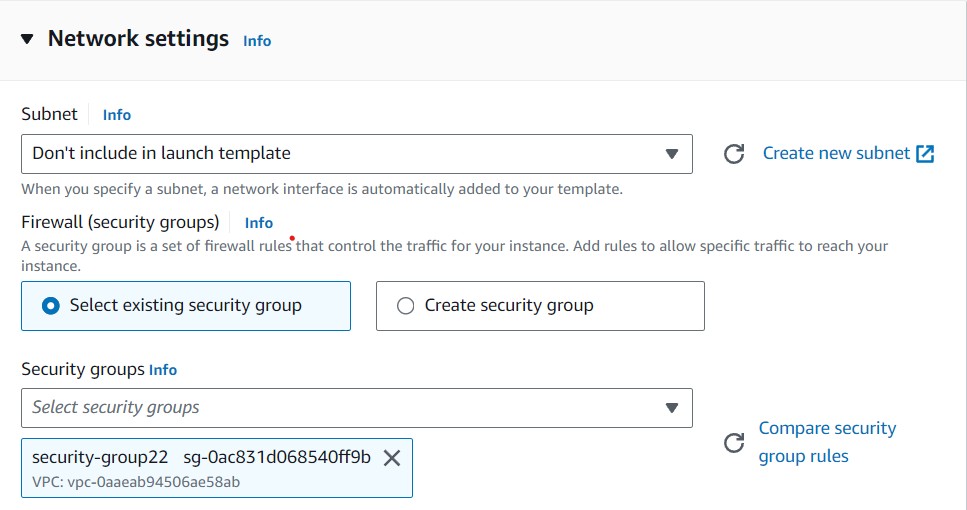


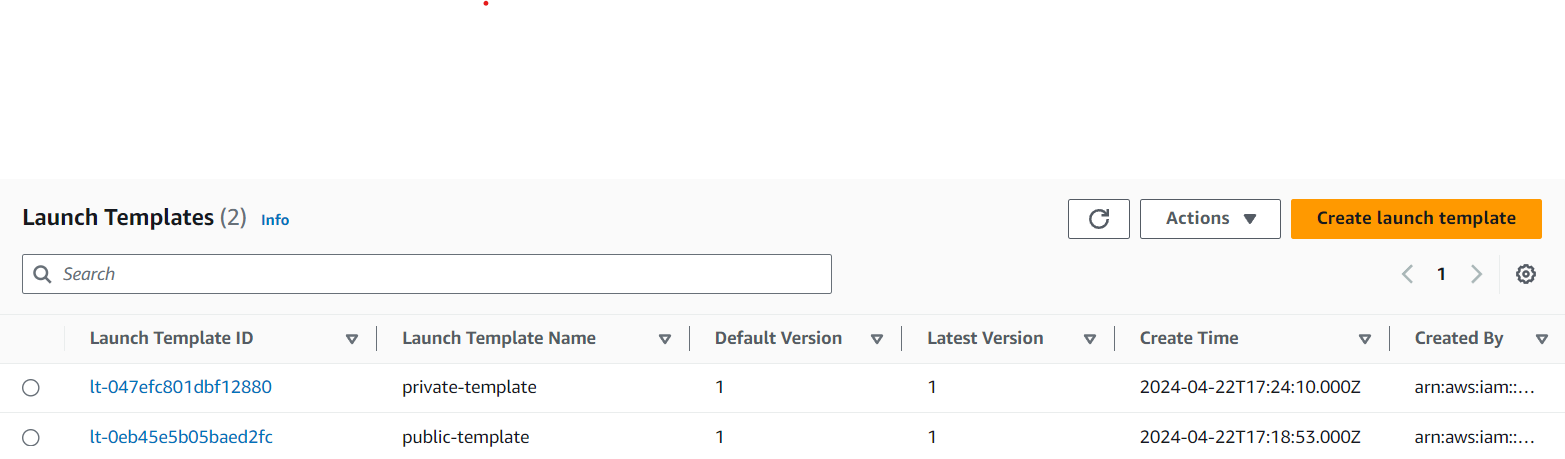


SECOND TEMPLATE NAME: private-template



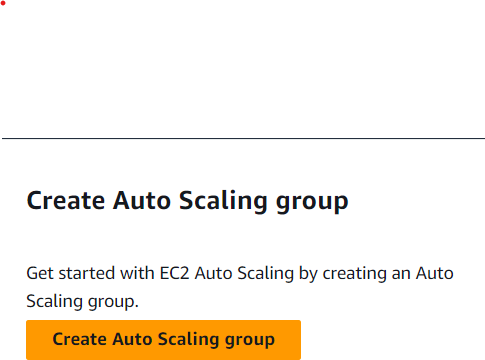


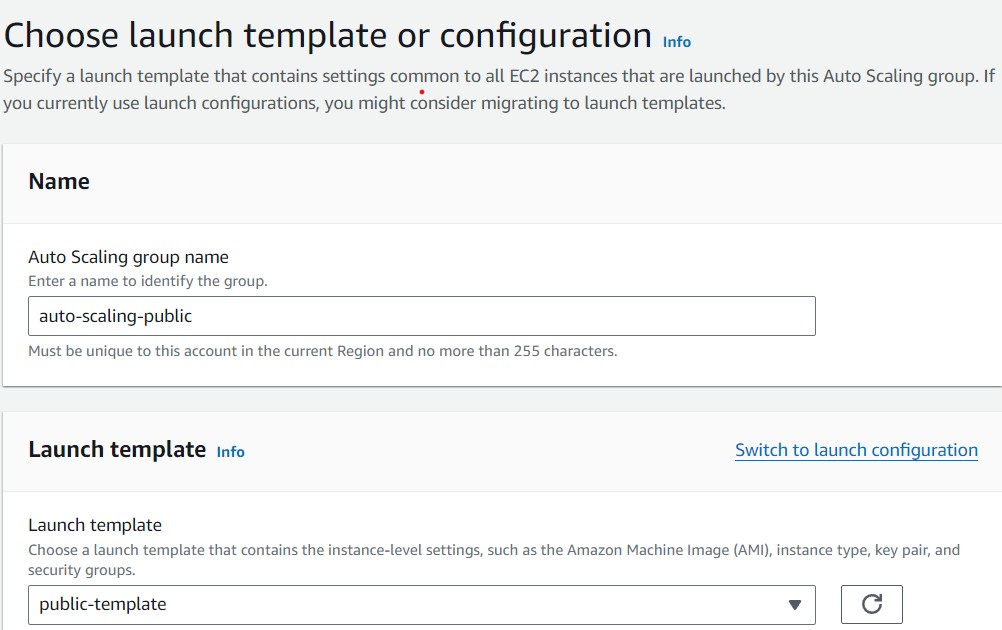


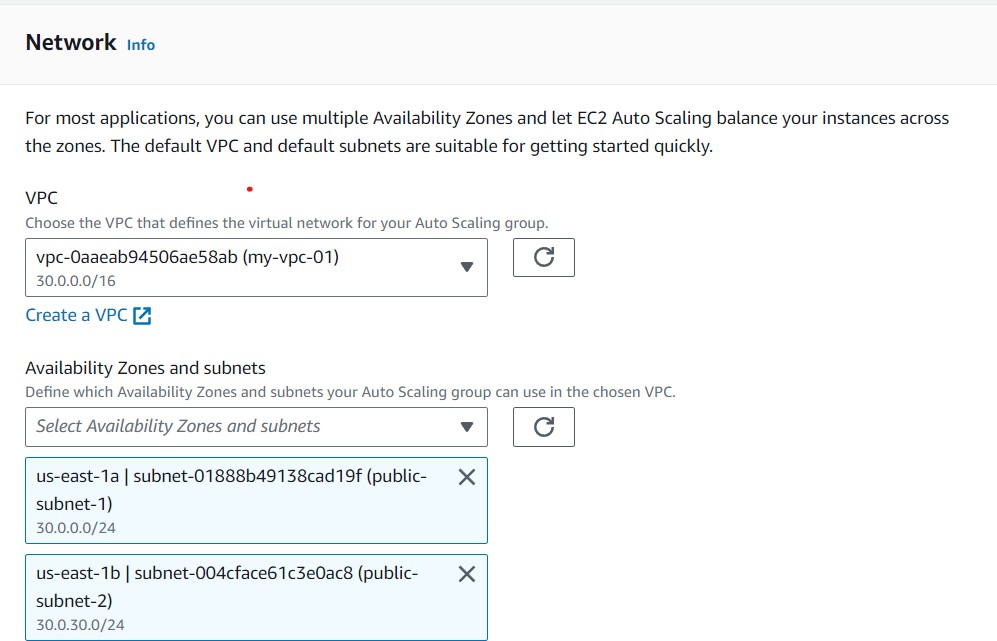


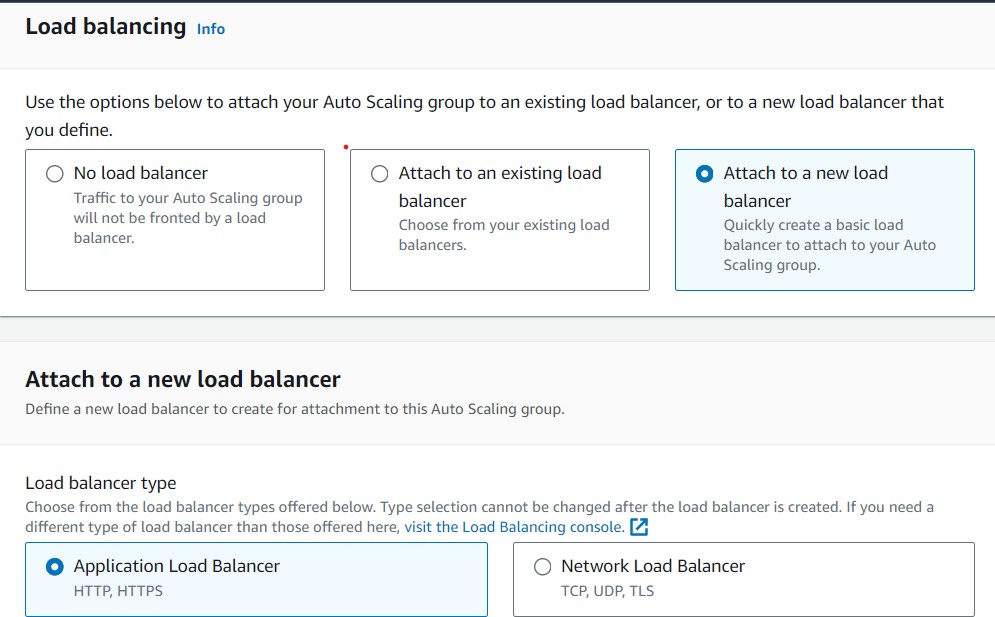
LAUNCH AUTO SCALINGS GROUPS TWO:

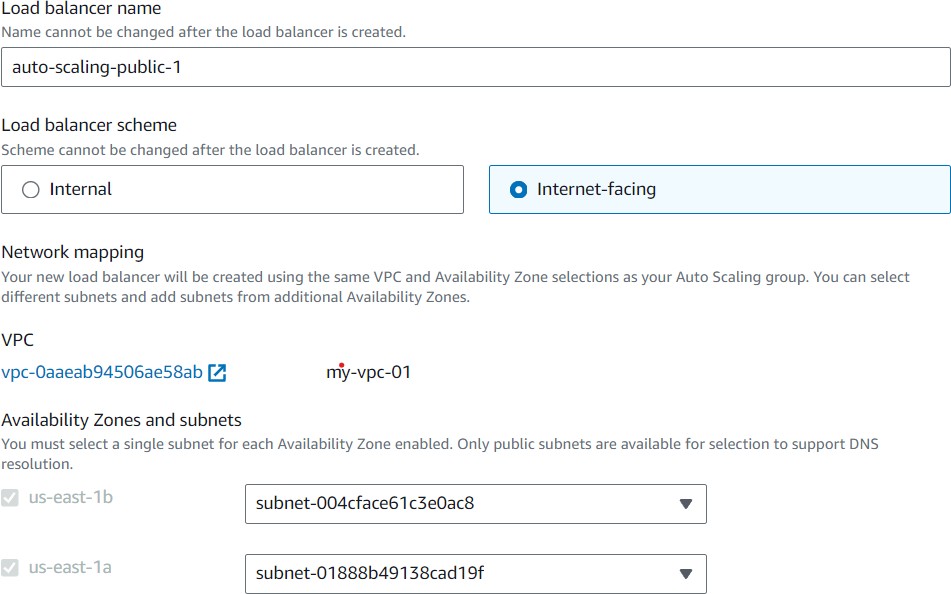
FIRST AUTO SCALING GROUP NAME: auto-scaling-public

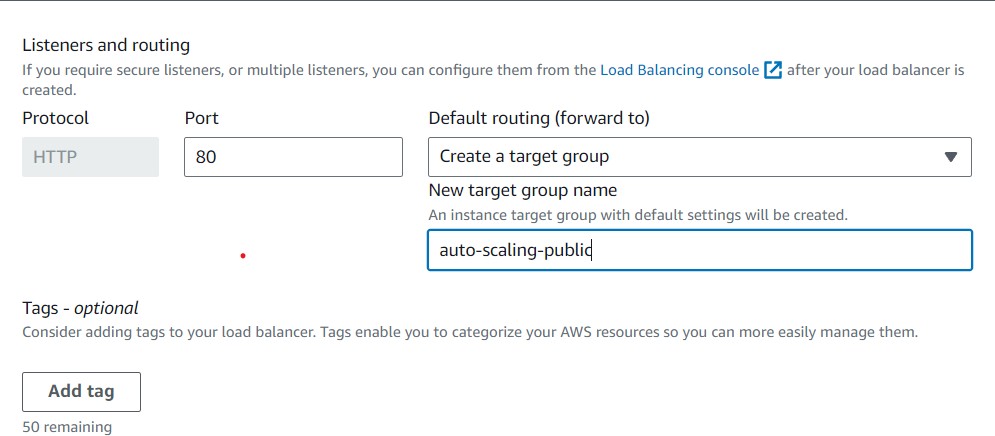


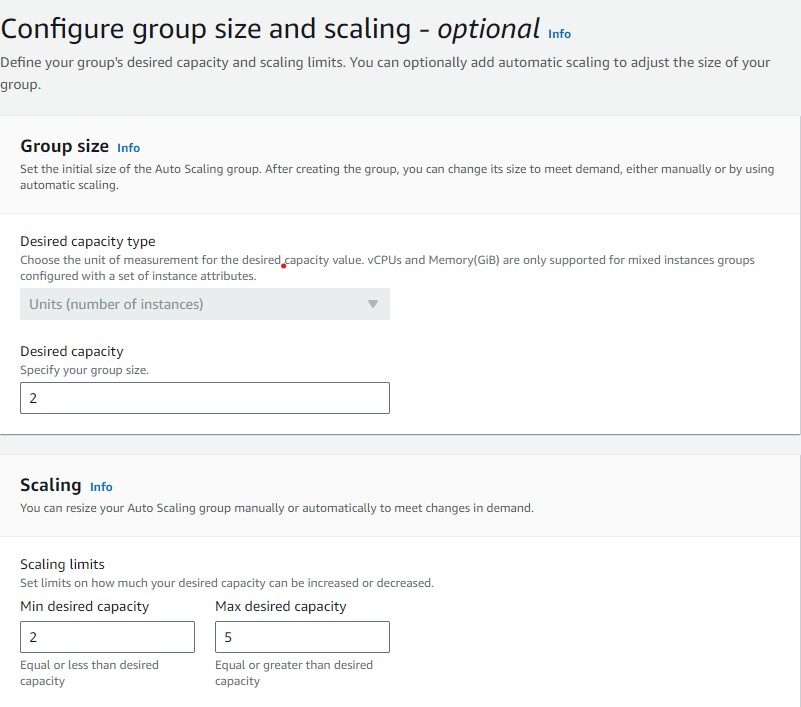
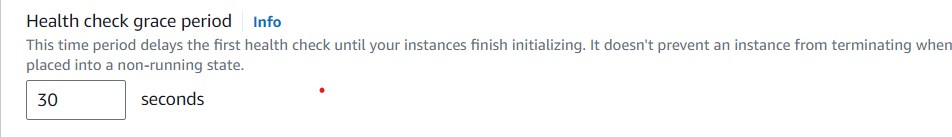


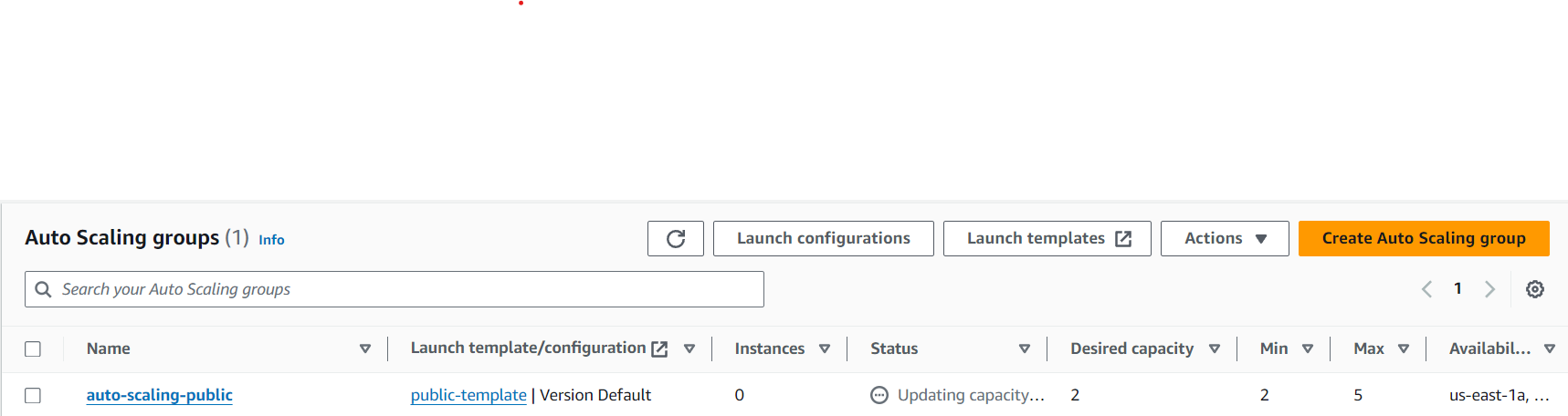




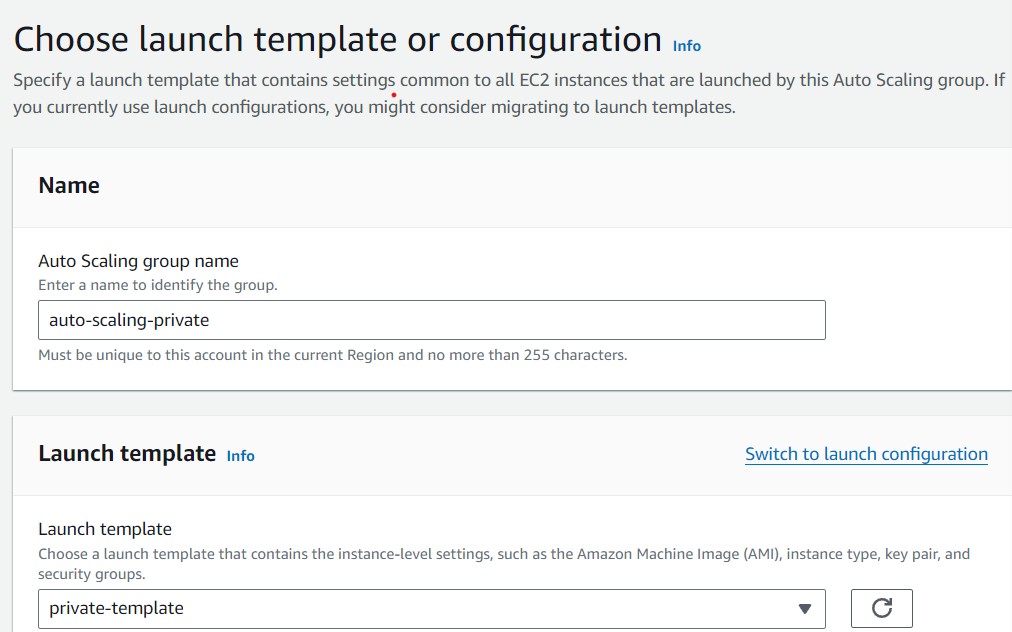


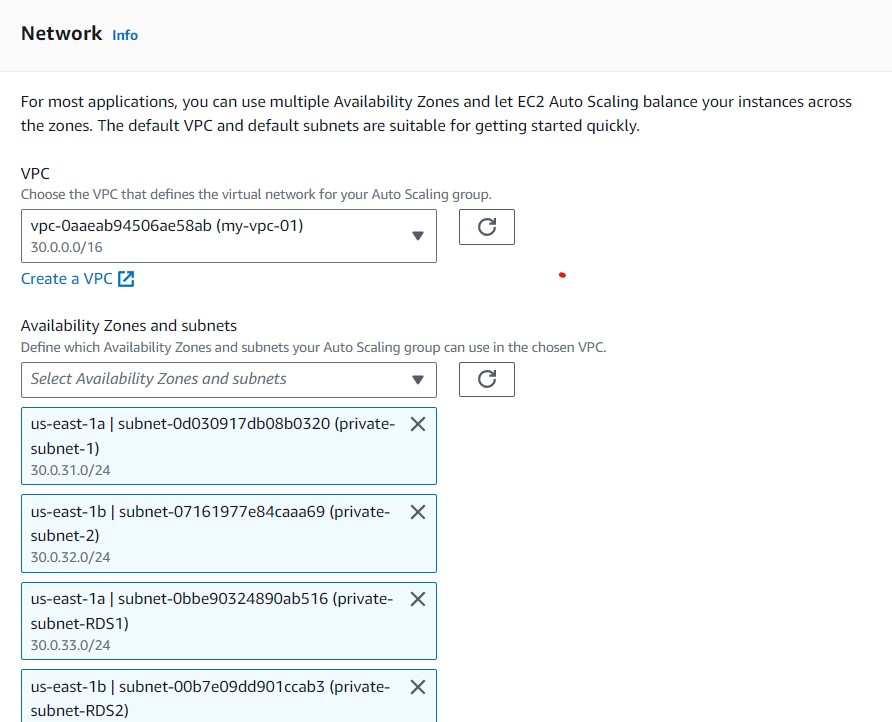


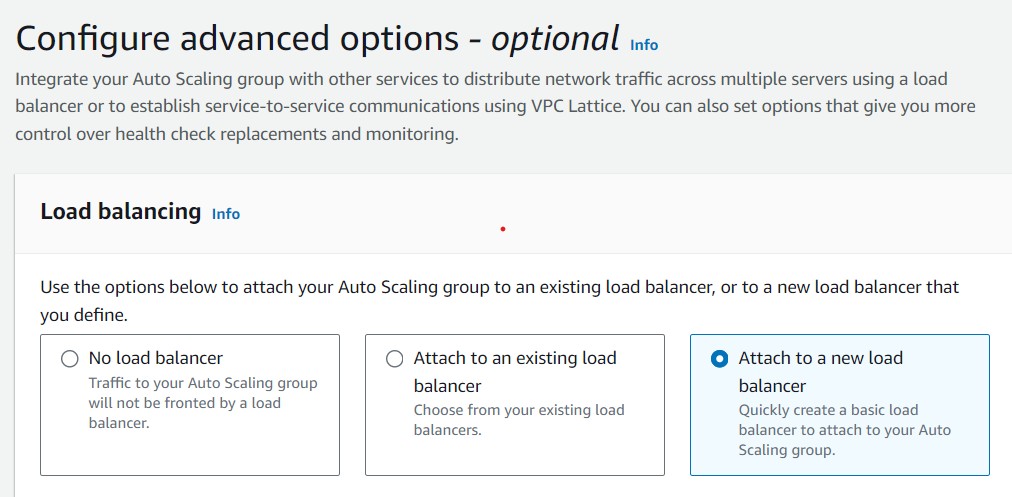


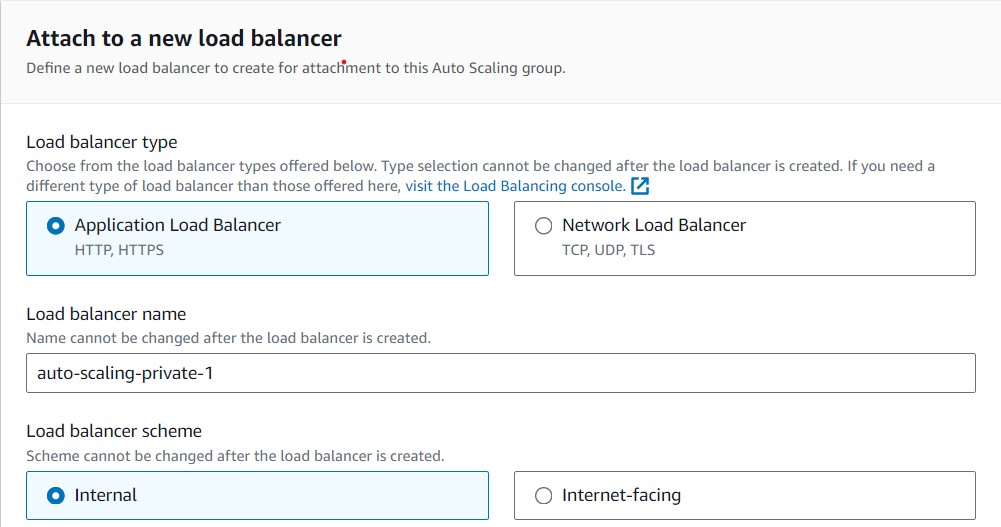


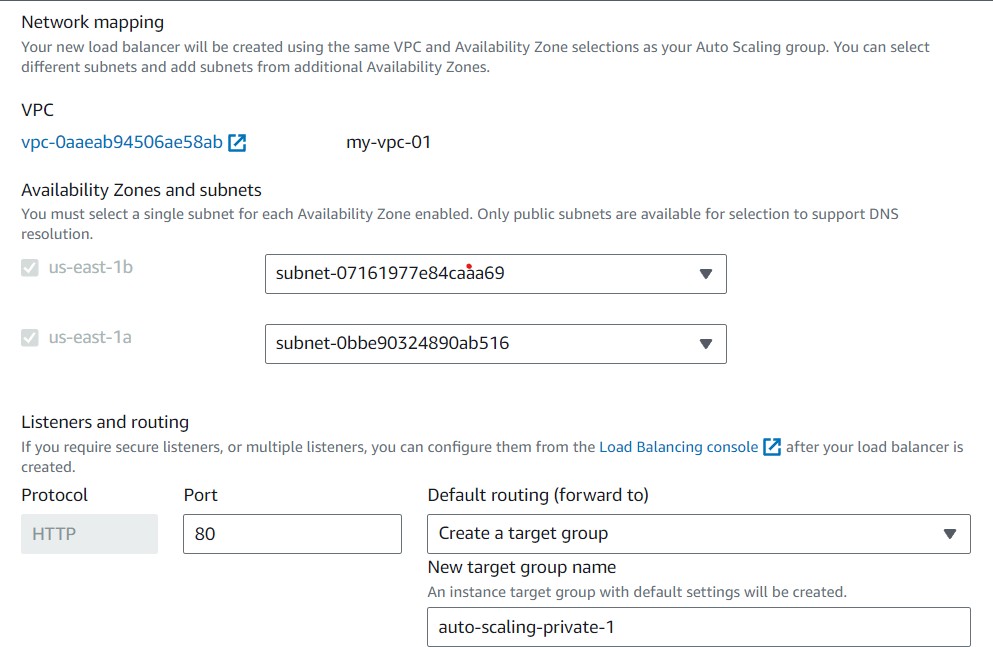
SECOND AUTO SCALING GROUP NAME: auto-scaling-private

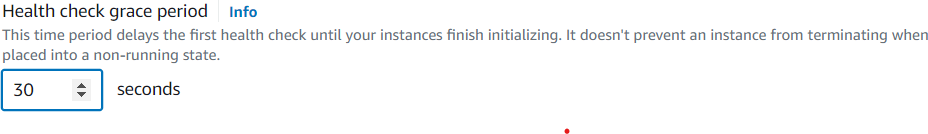


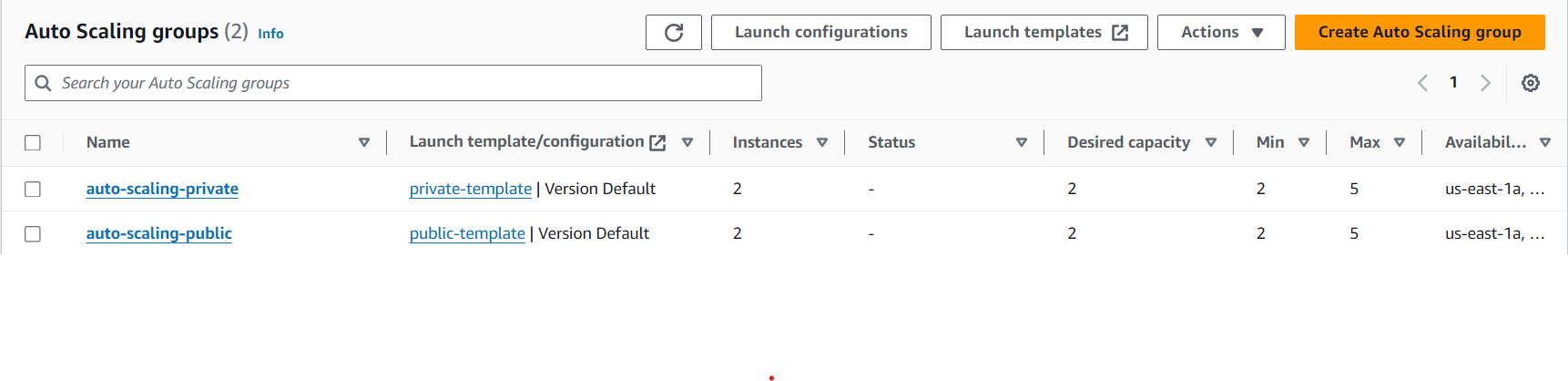




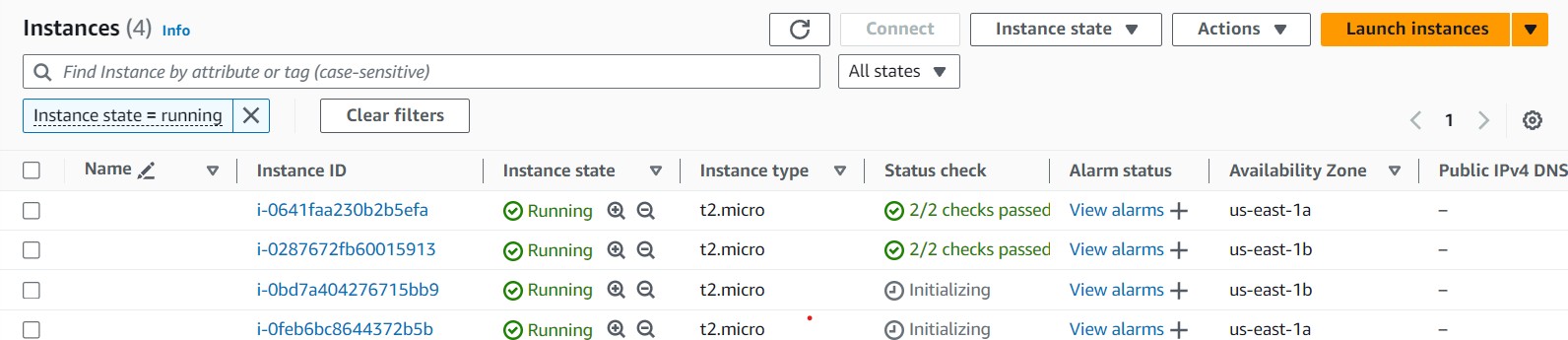




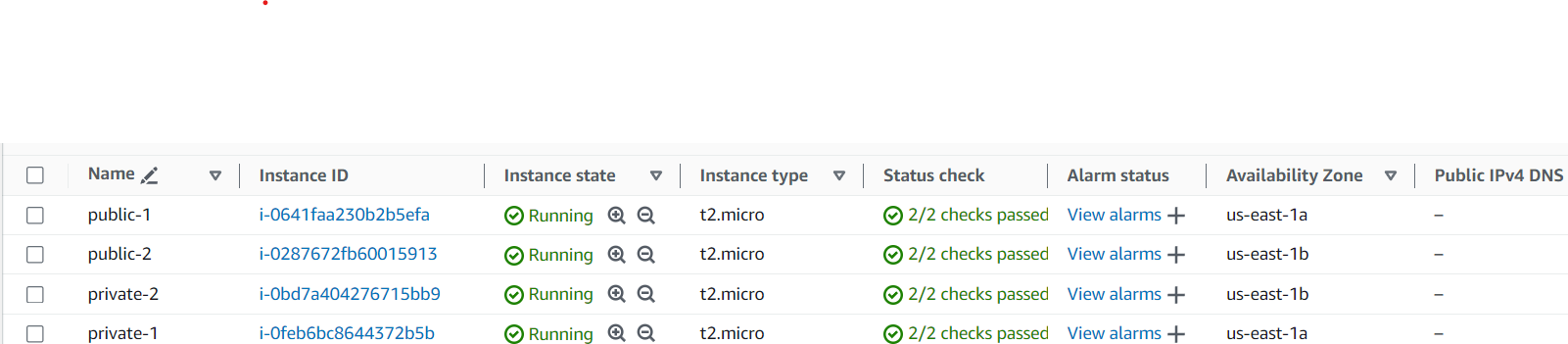




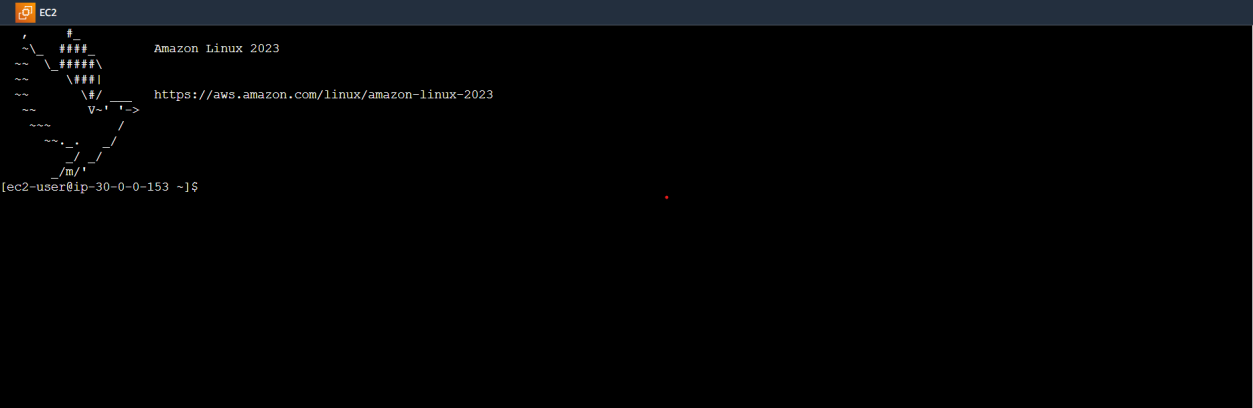
CREATED AUTOMATICALLY EC2 INSTANCES

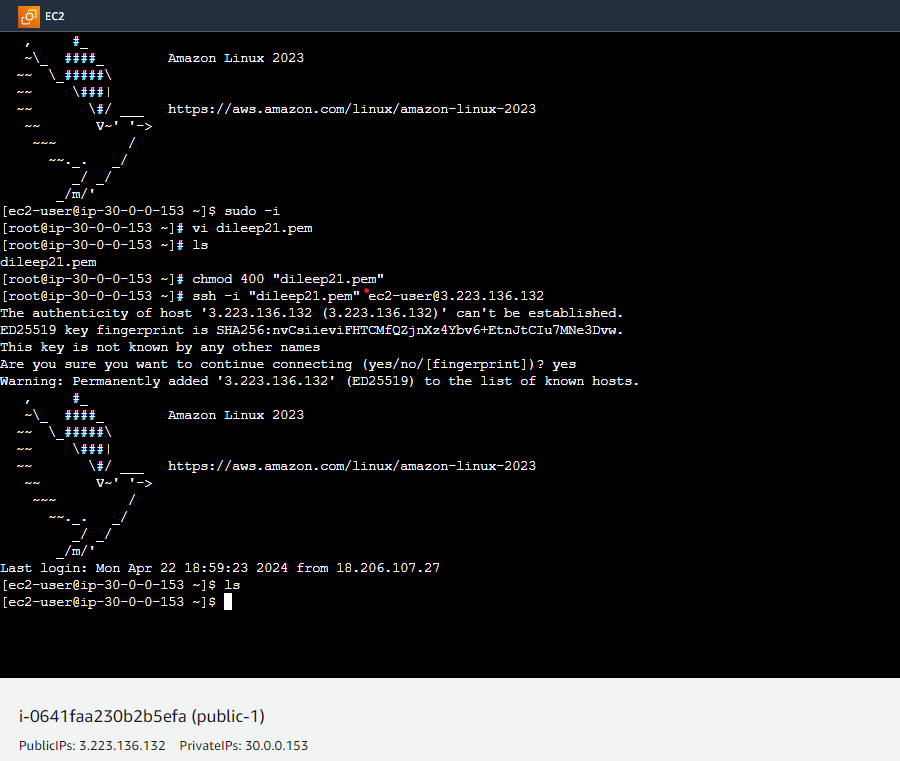


GIVE THE NAMES TO THE EC2 INSTANCES:



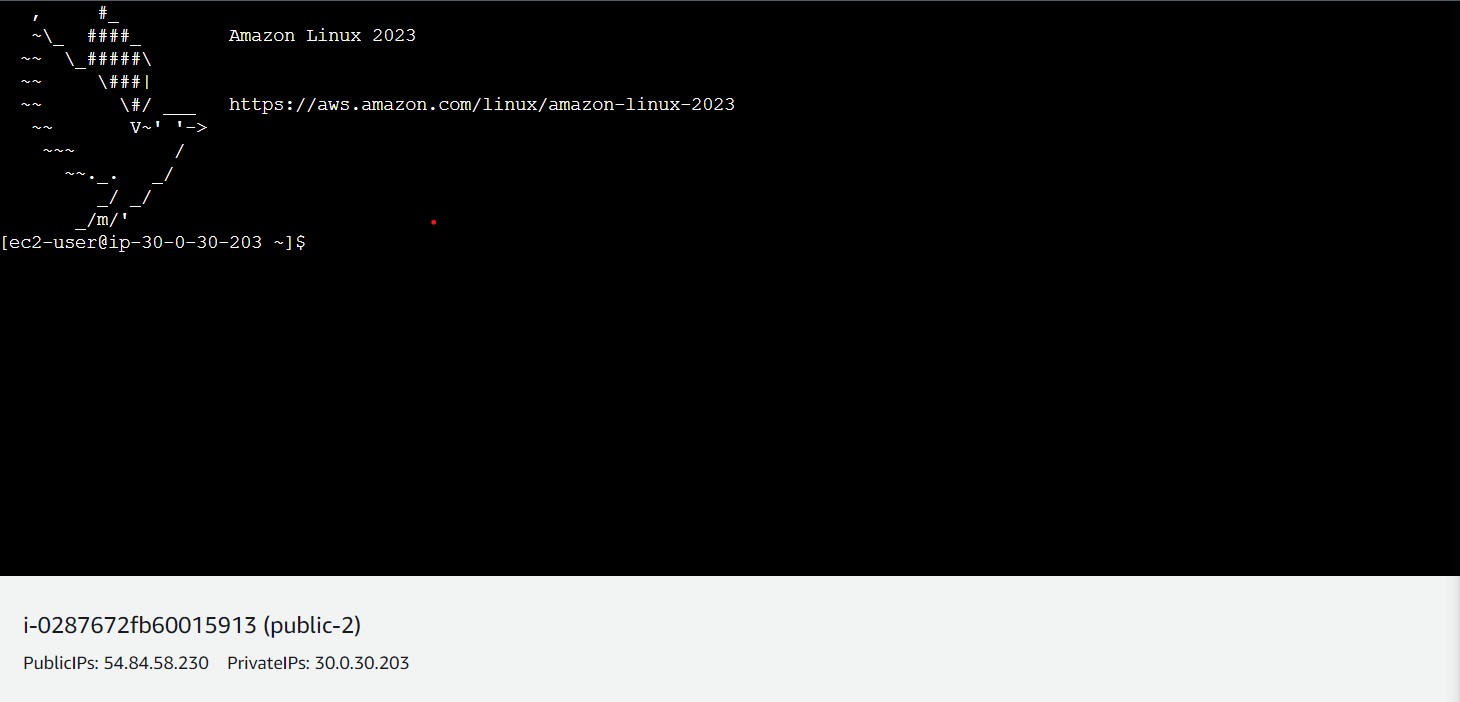
PUBLIC1 INSTANCE CONNECT TO THE WEB:

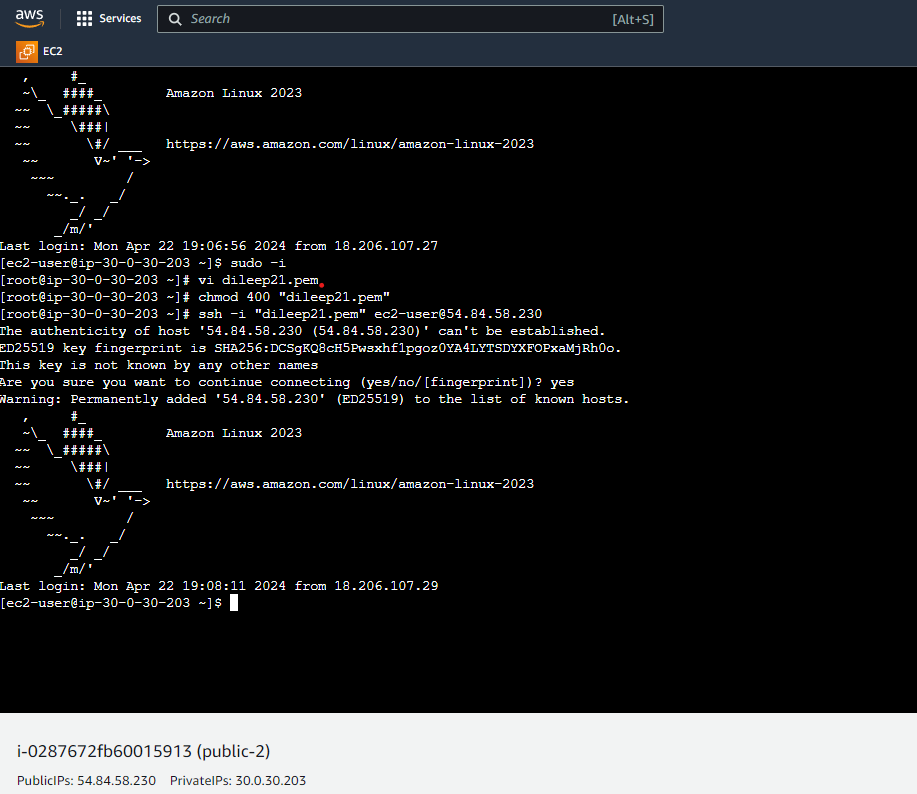




PUBLIC1 INSTANCE ATTACHED TO PRIVATE1 INSTANCE

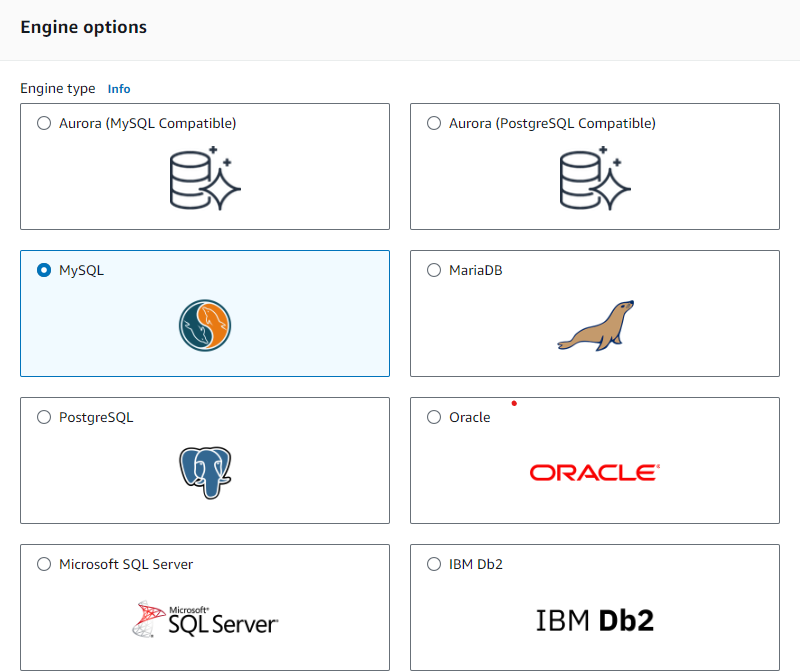
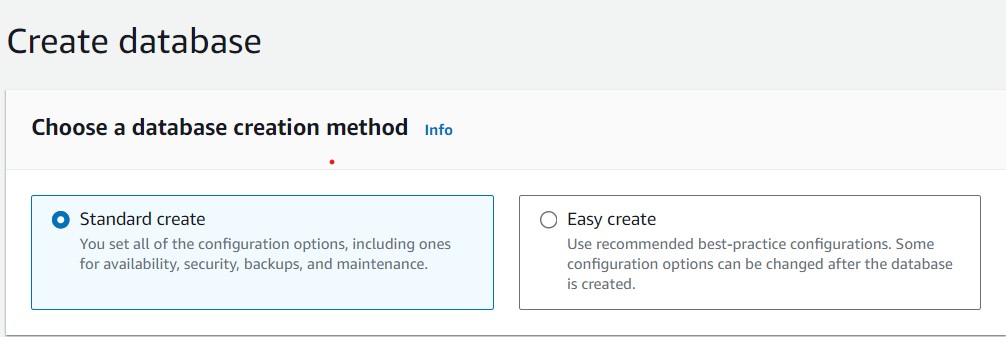
NOW PUBLIC2 INSTANCE ATTACHED TO THE WEB:



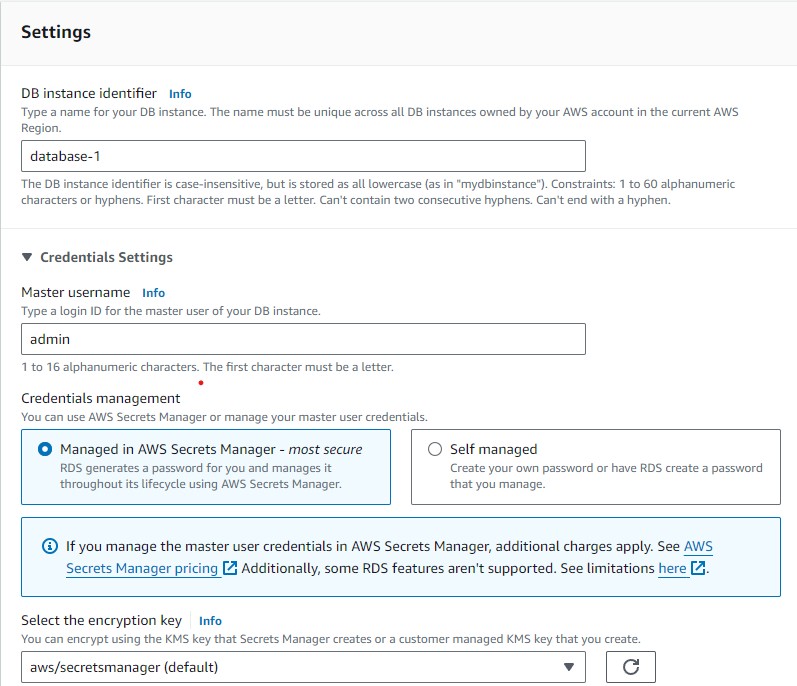


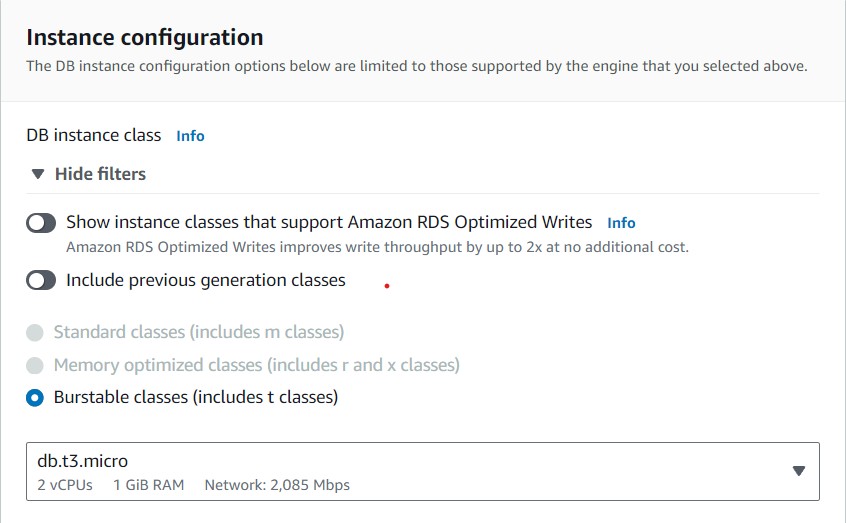
PUBLIC2 INSTANCE ATTACH TO PRIVATE2 INSTANCE

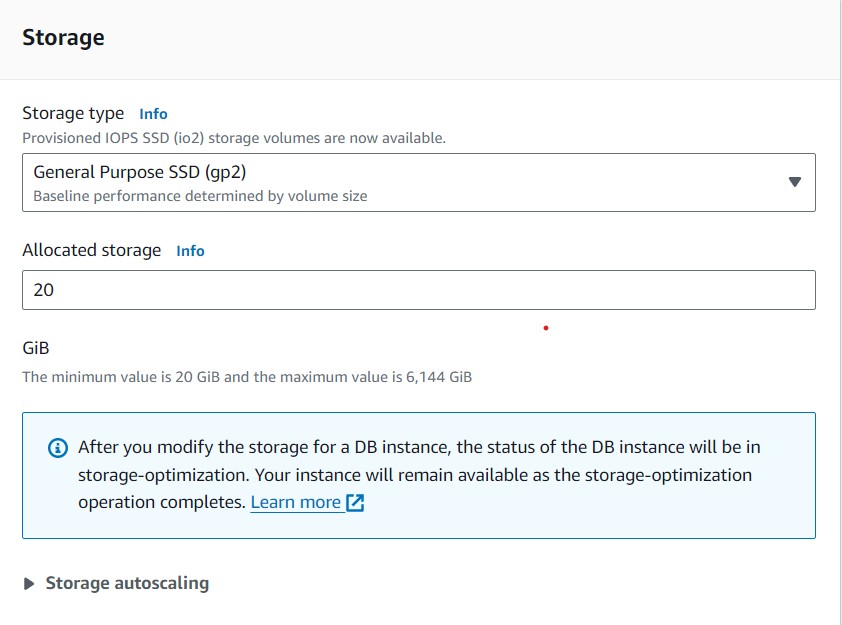
CREATE DATABASE:

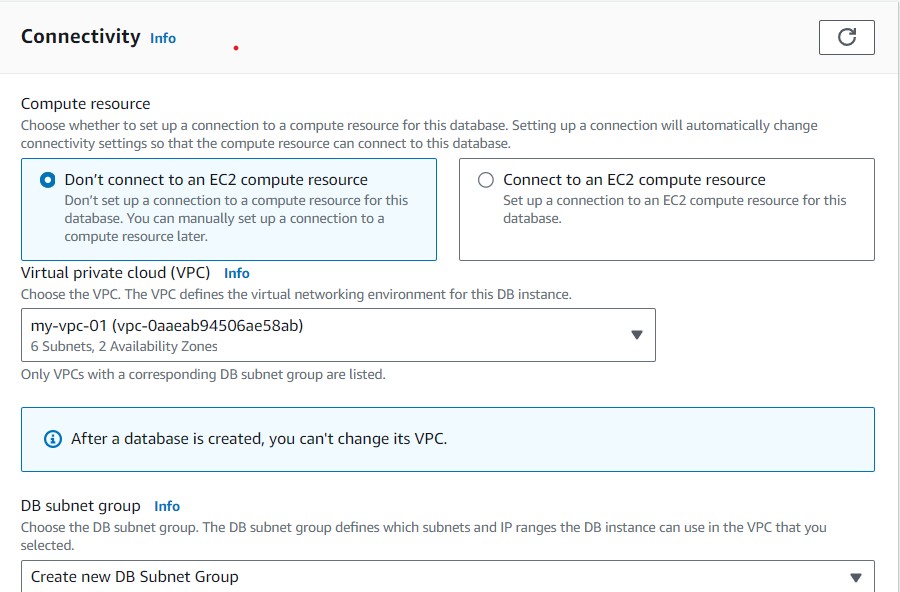


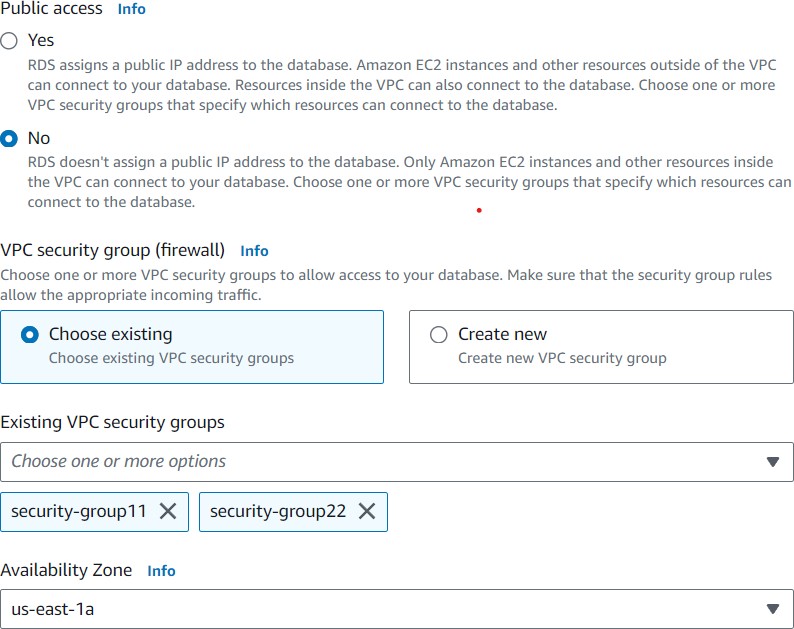


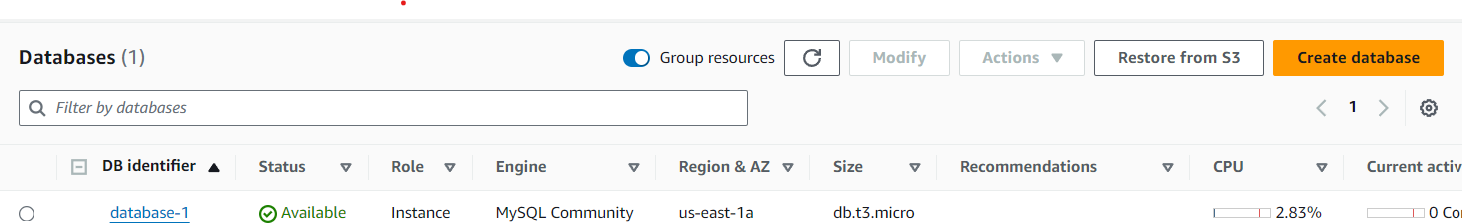




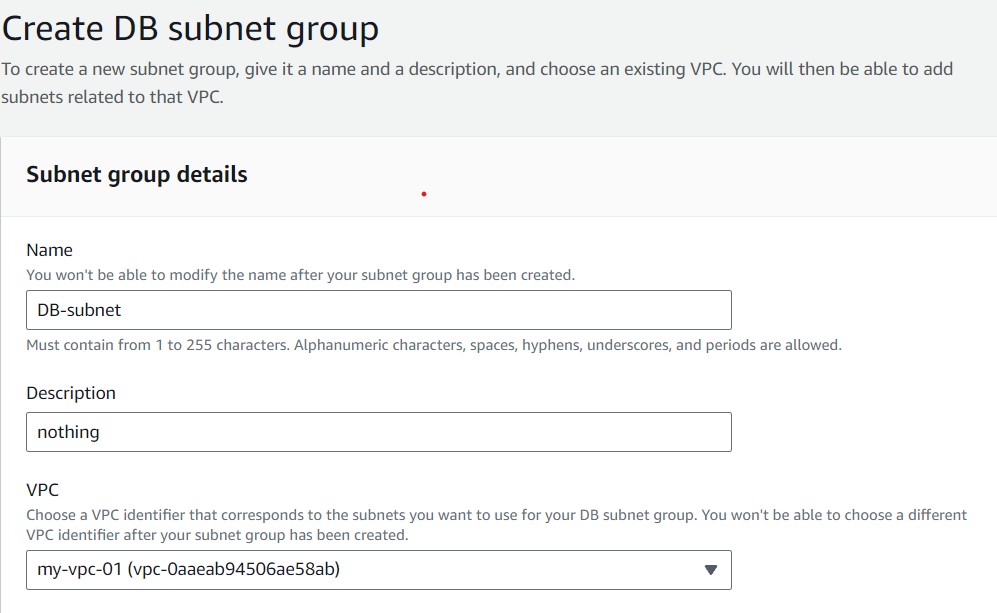


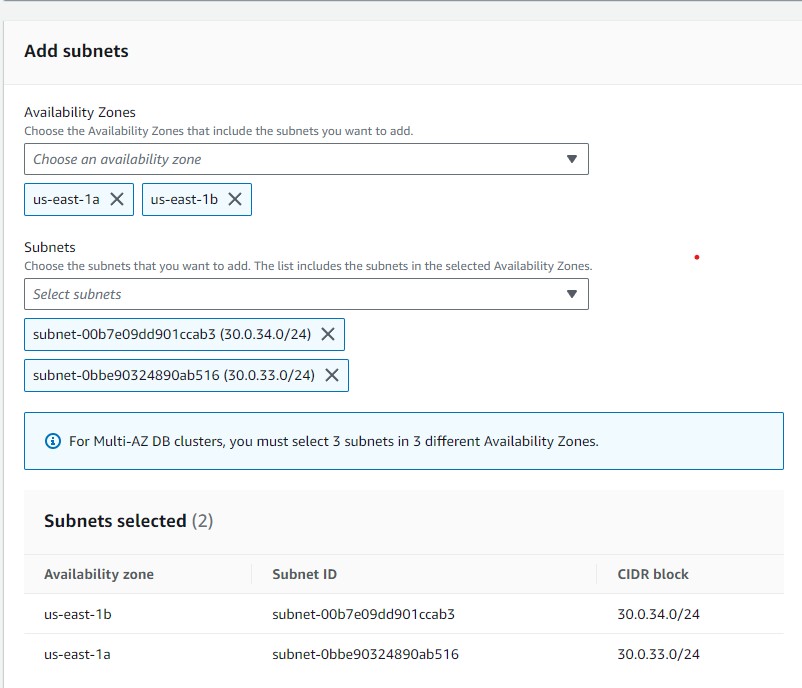


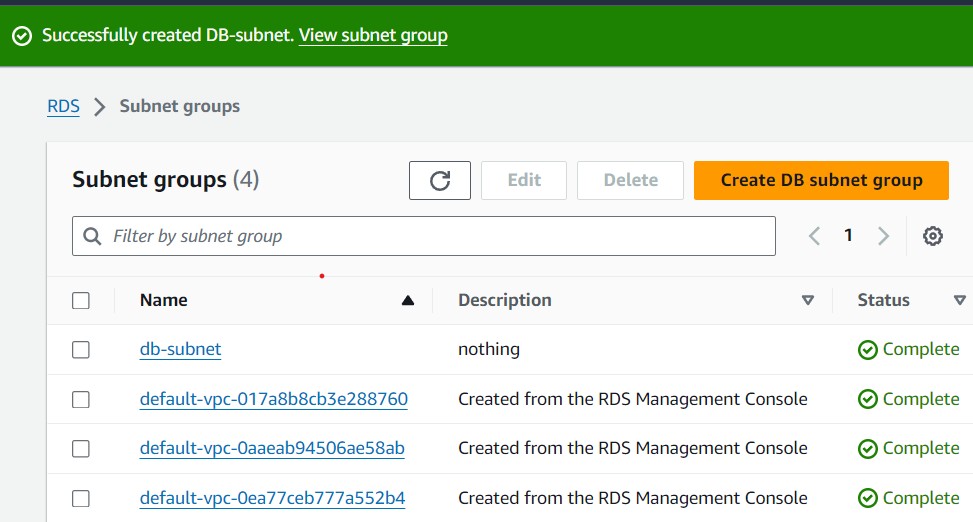




CREATE DB SUBNET GROUP:







CREATE DB SNAPSHOT:

