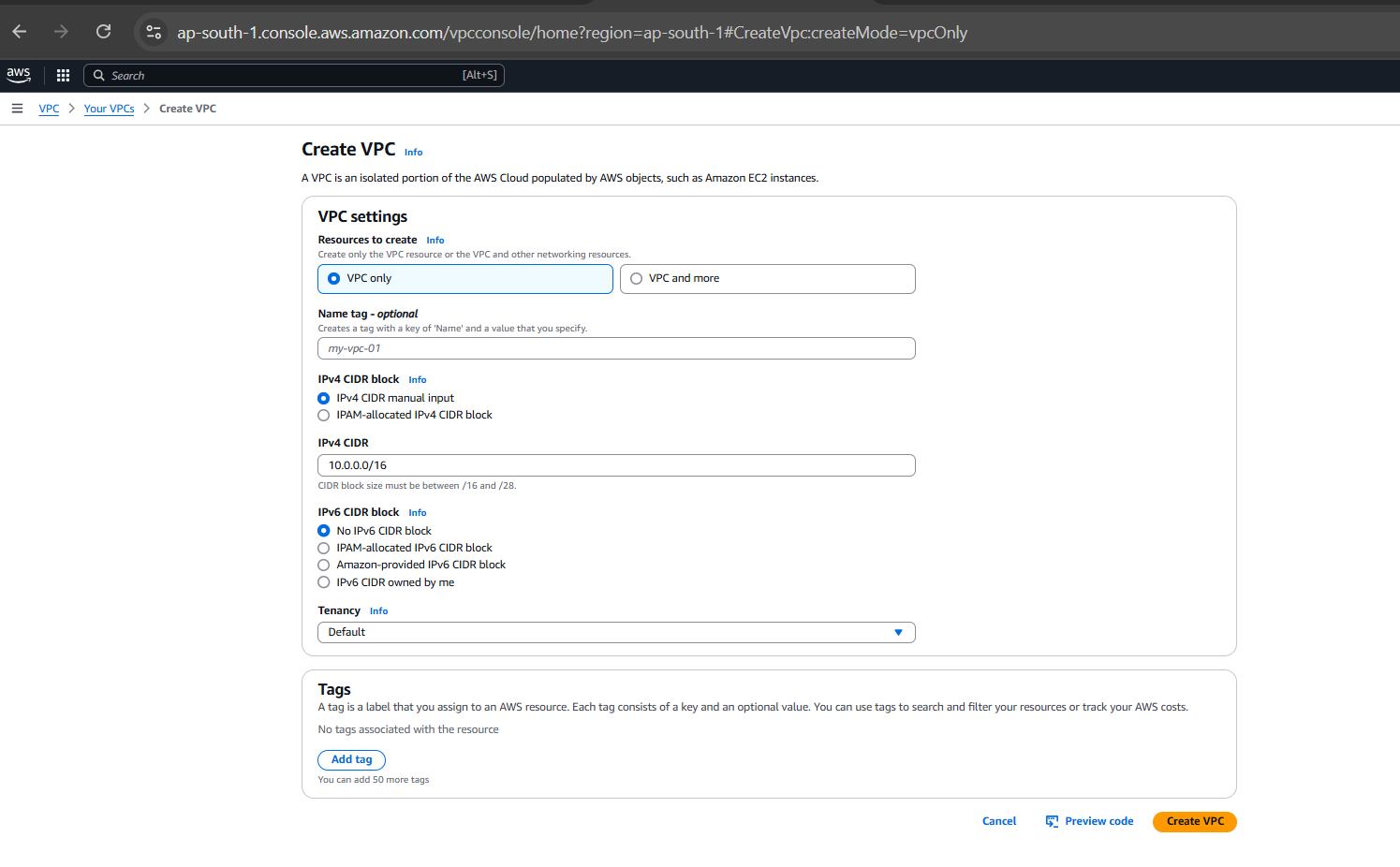
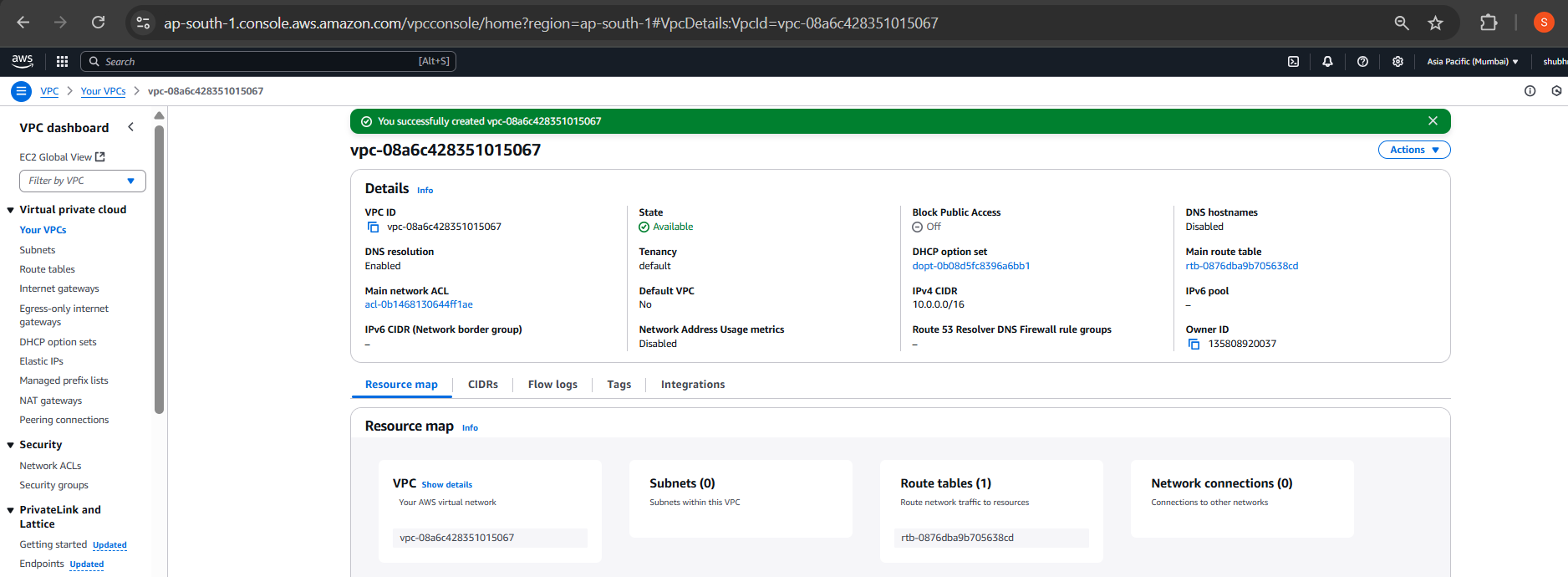
**Task Description:**

Set up a VPC with an Internet gateway, create a public subnet with 256 IP addresses, a private subnet with 256 IP addresses, make a route table connecting the Internet gateway and the subnets, and launch a Linux EC2 instance by using the above VPC and public subnet.

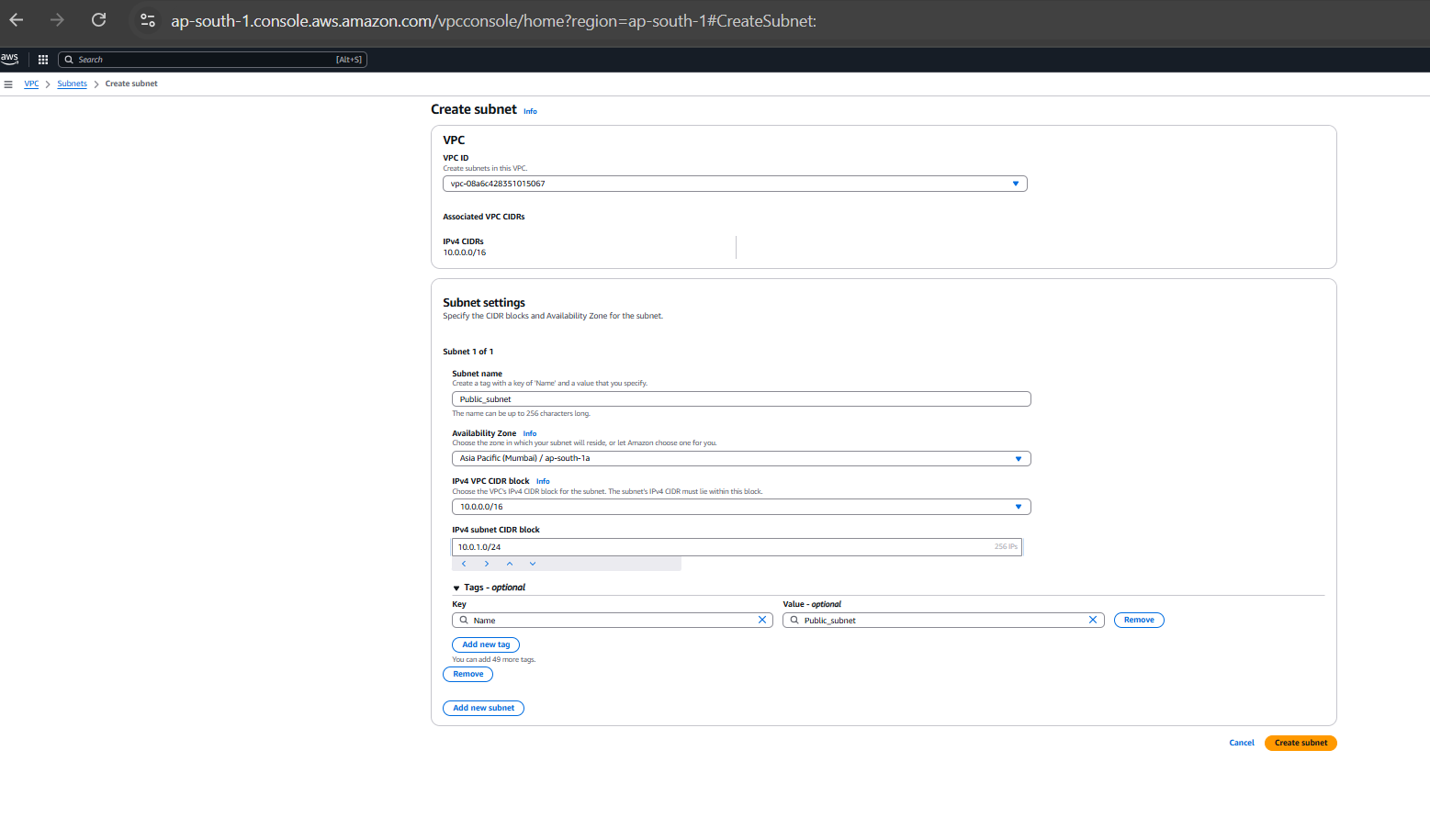
Set up a custom **VPC**

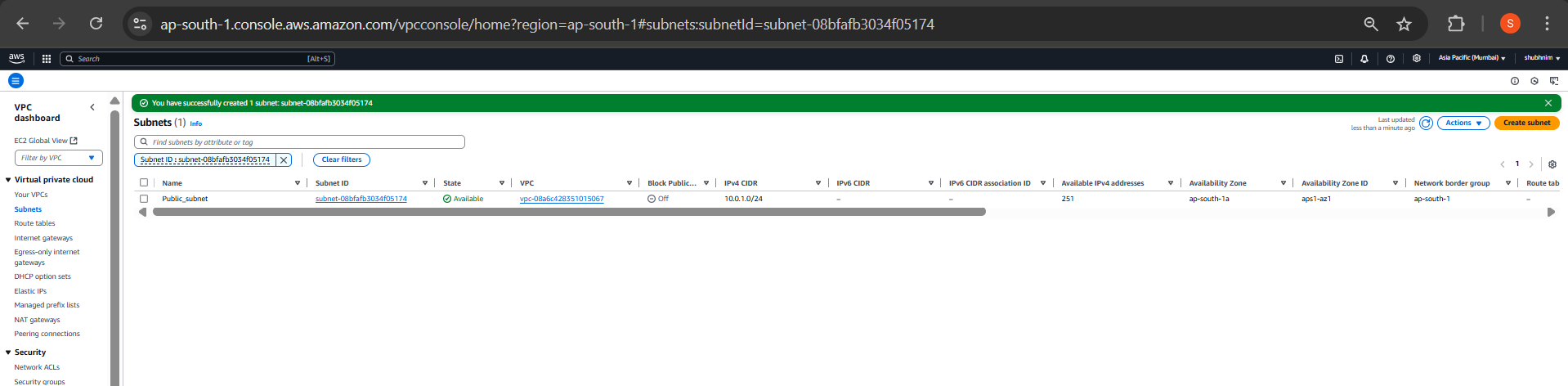




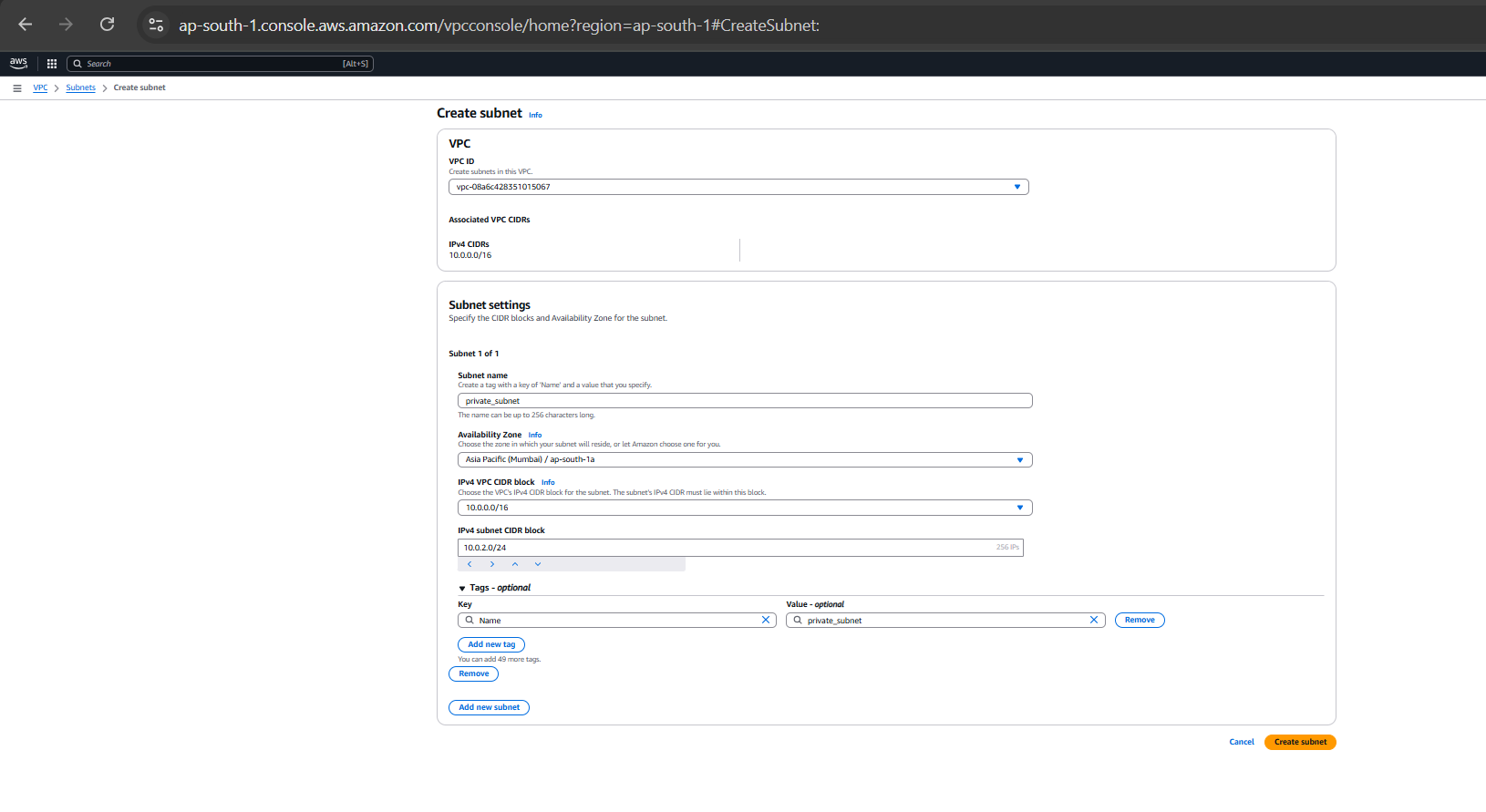
Create **public and private subnets** (each with 256 IPs = /24)

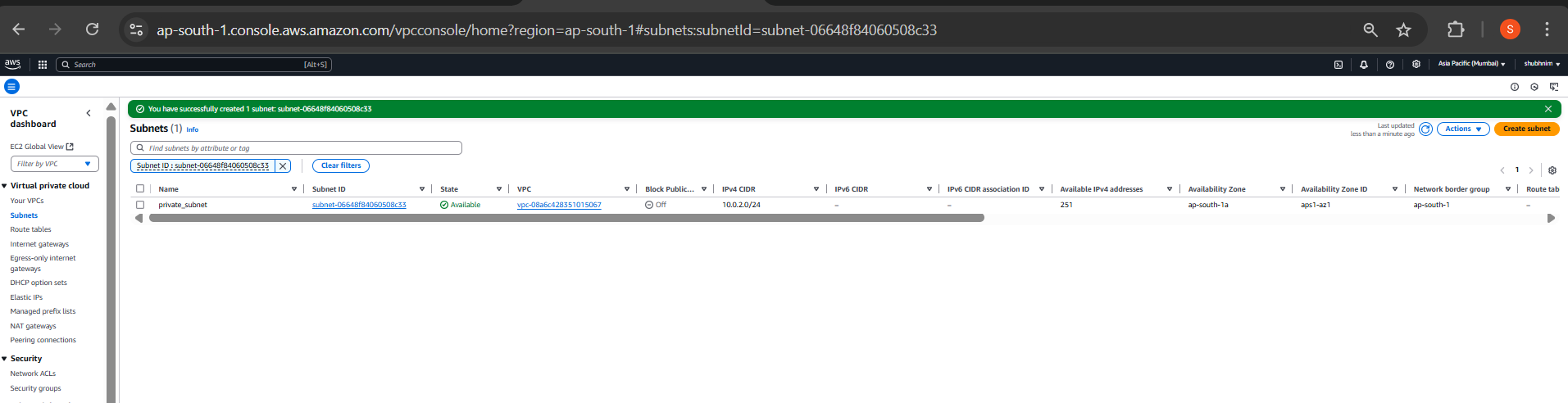
Public subnet:



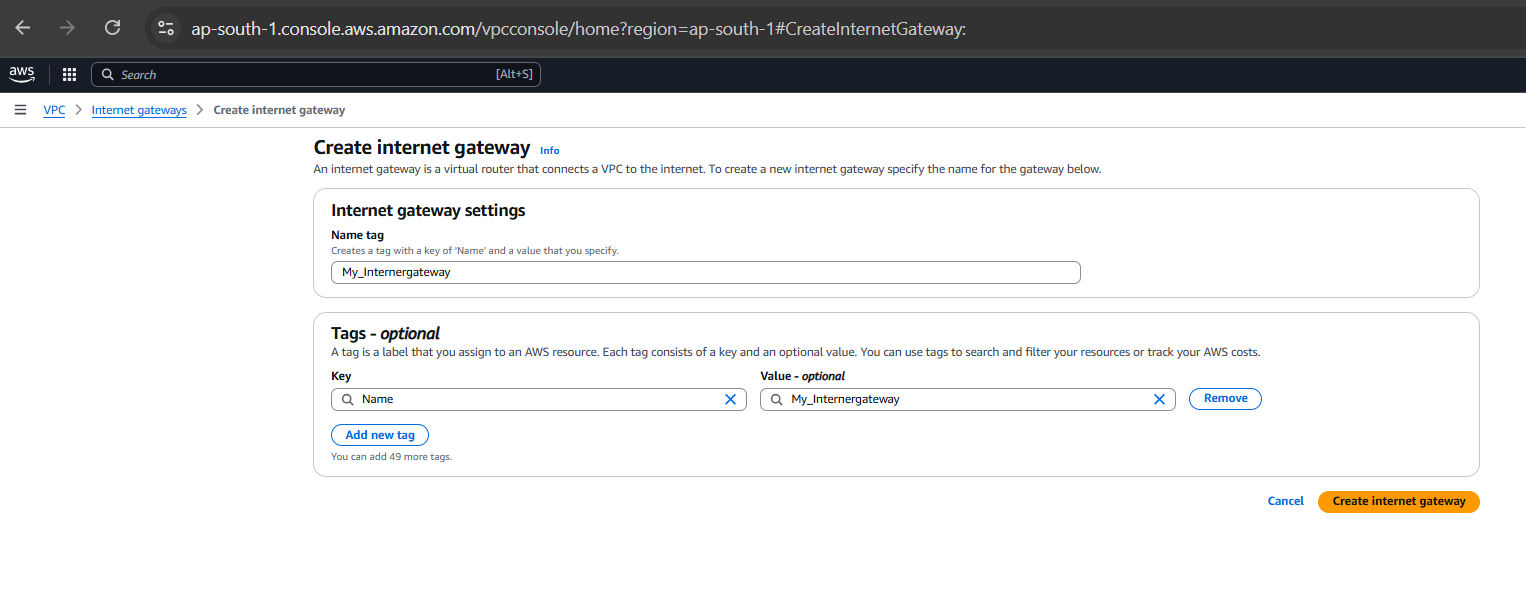


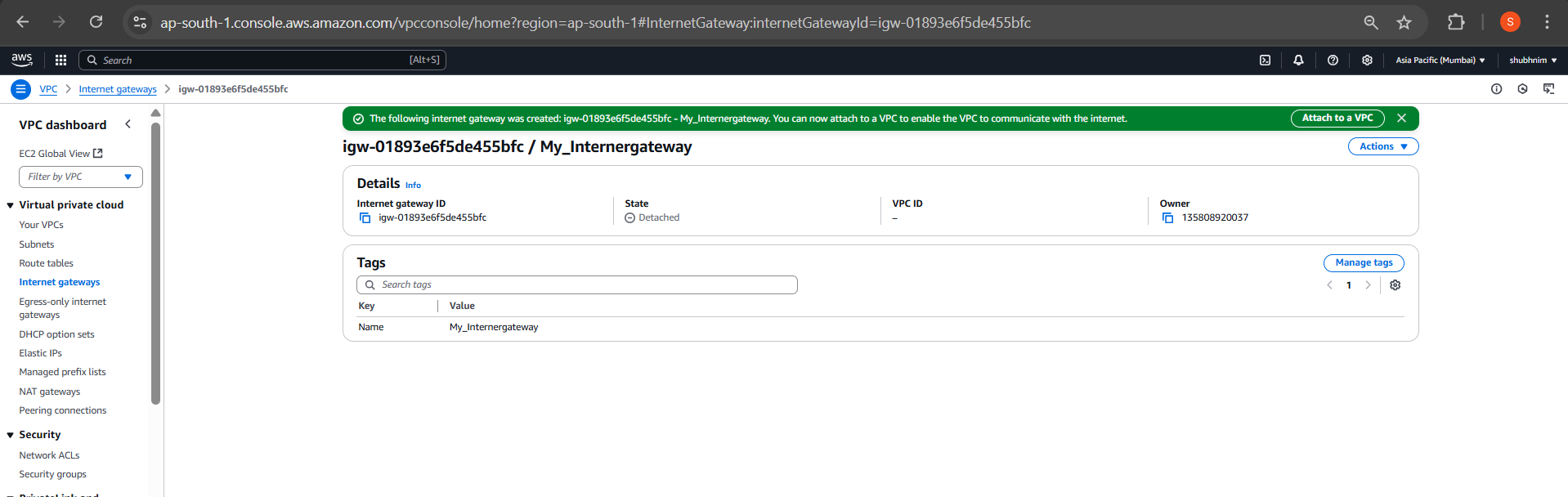
Private subnet:



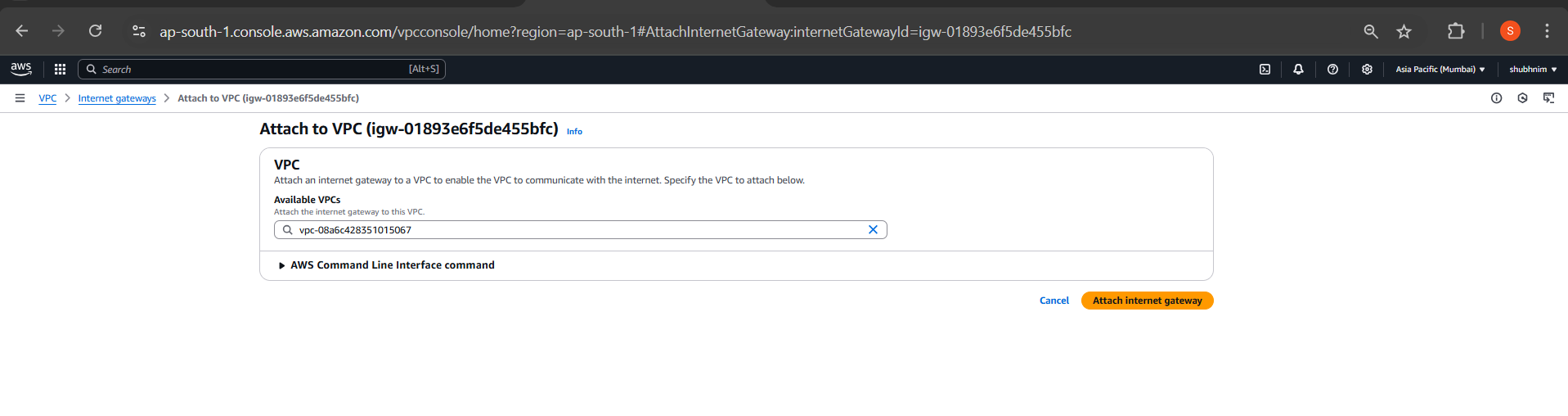


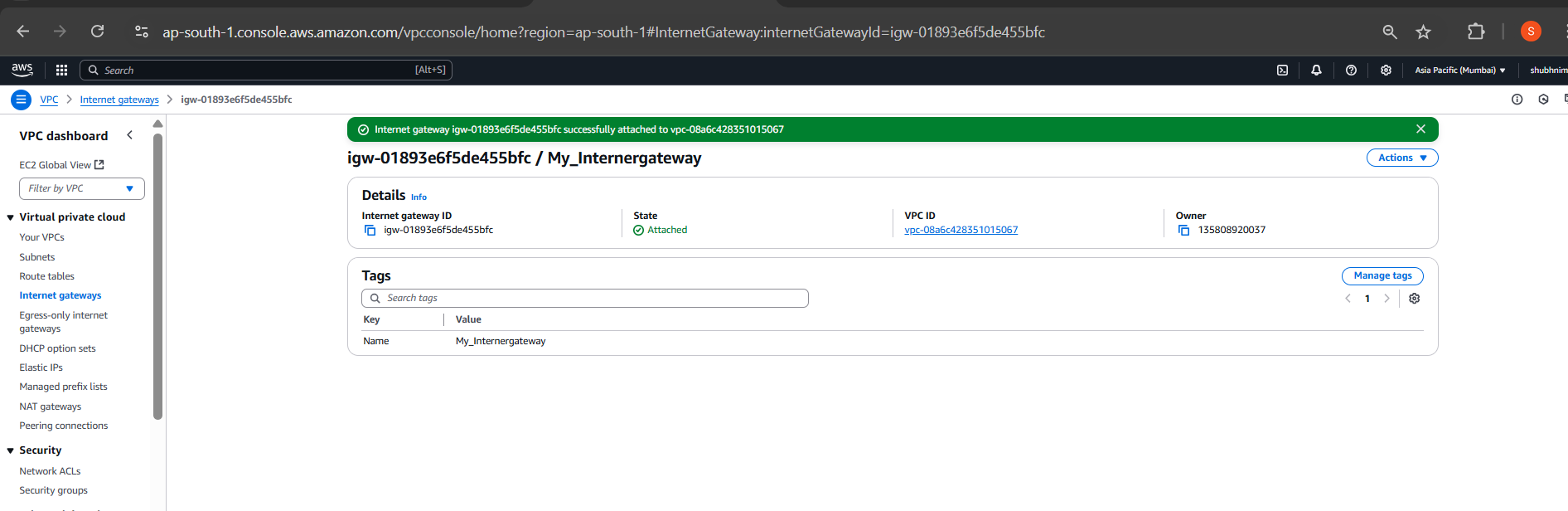
Set up an **Internet Gateway**



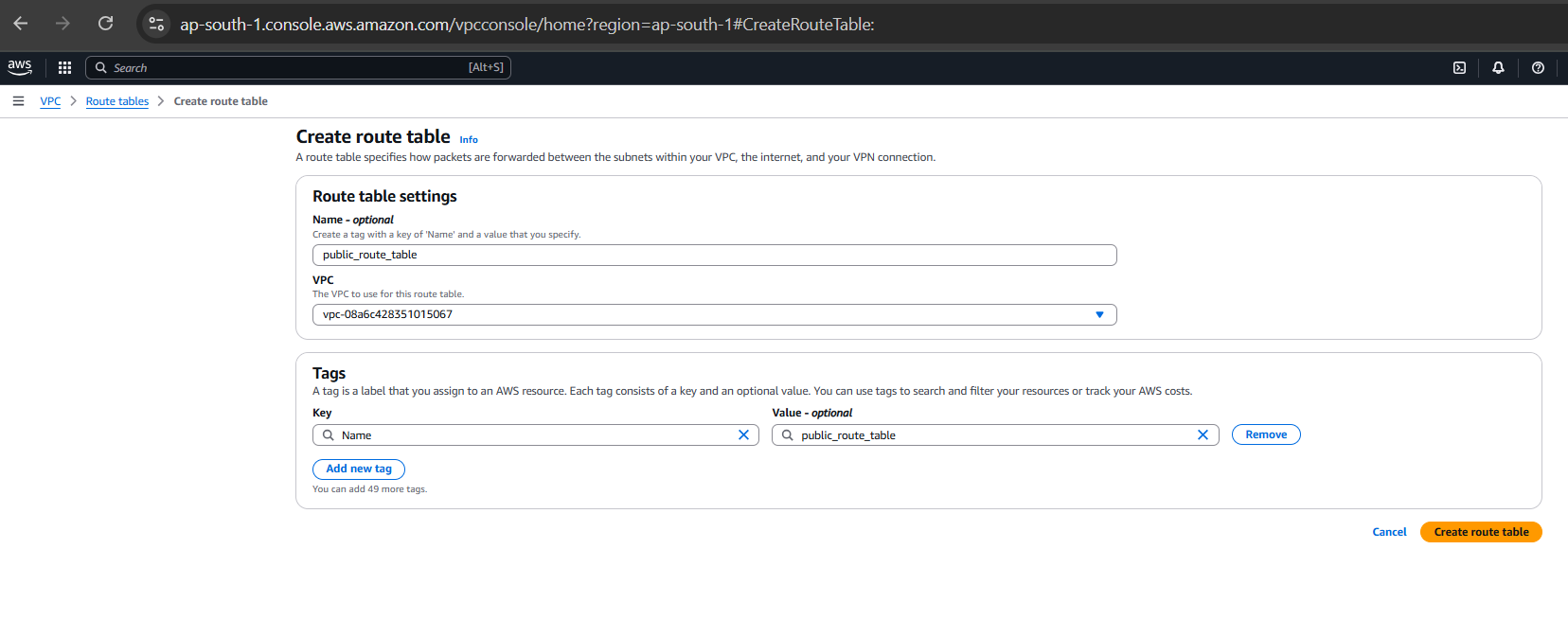


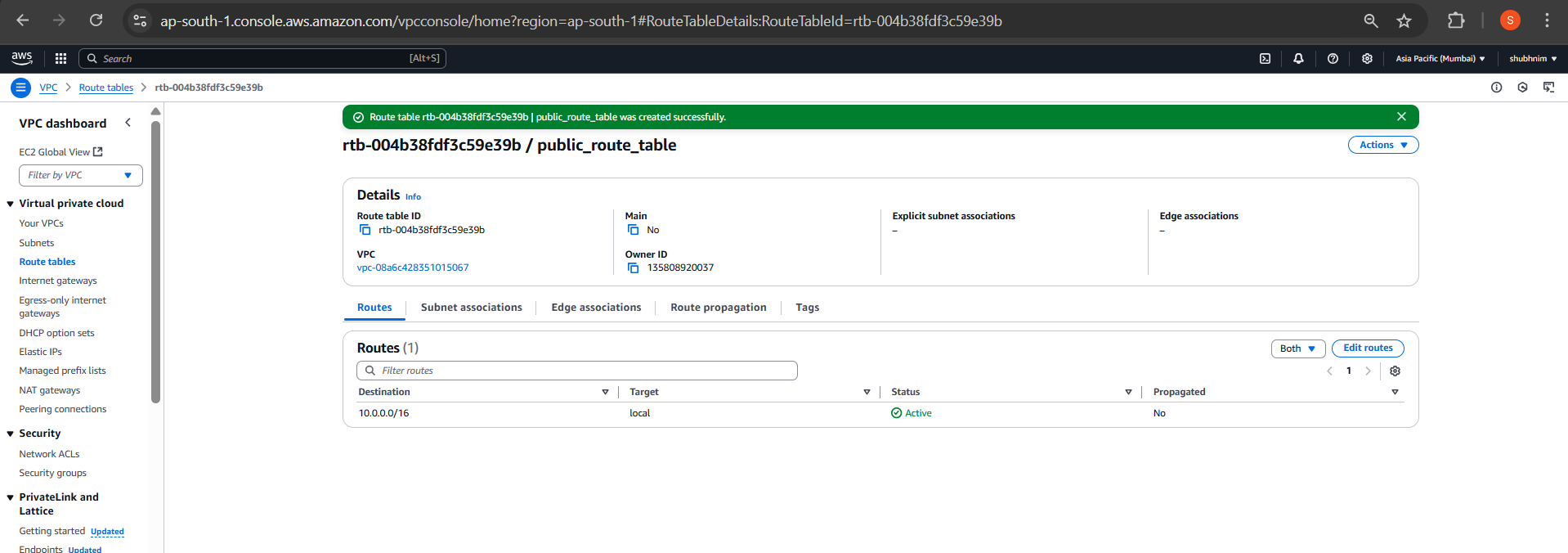
Attach internet gateway to vpc:



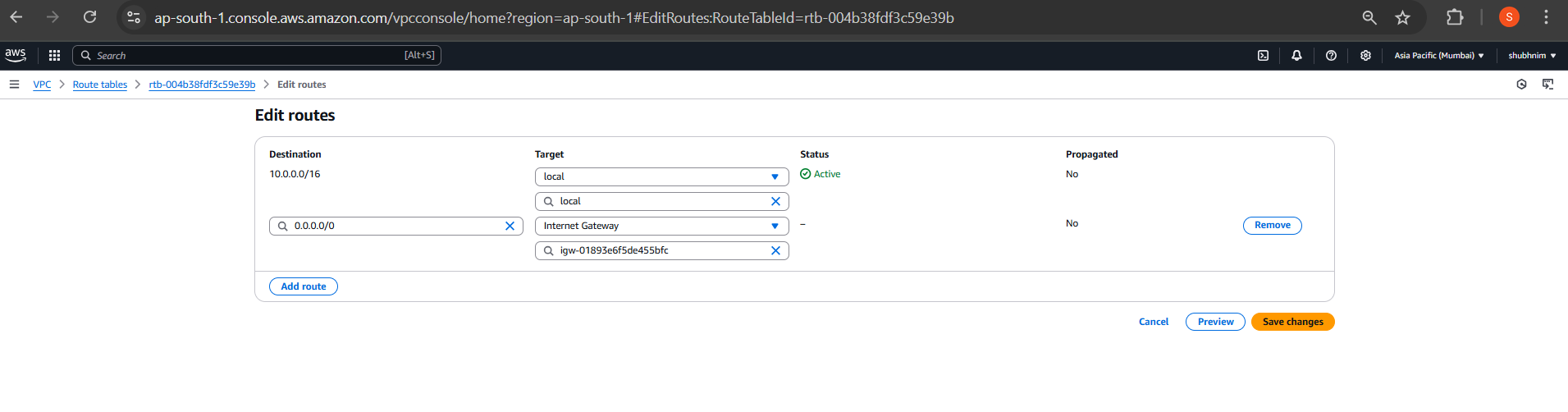


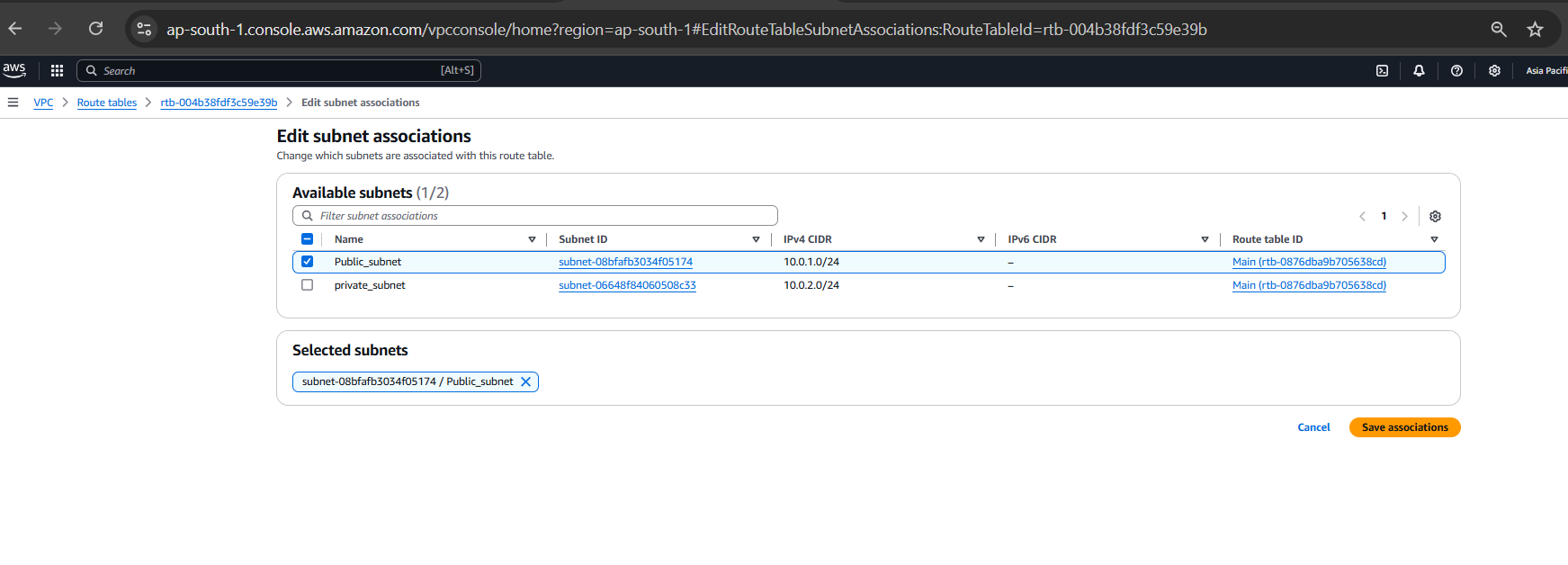
Configure **route tables**

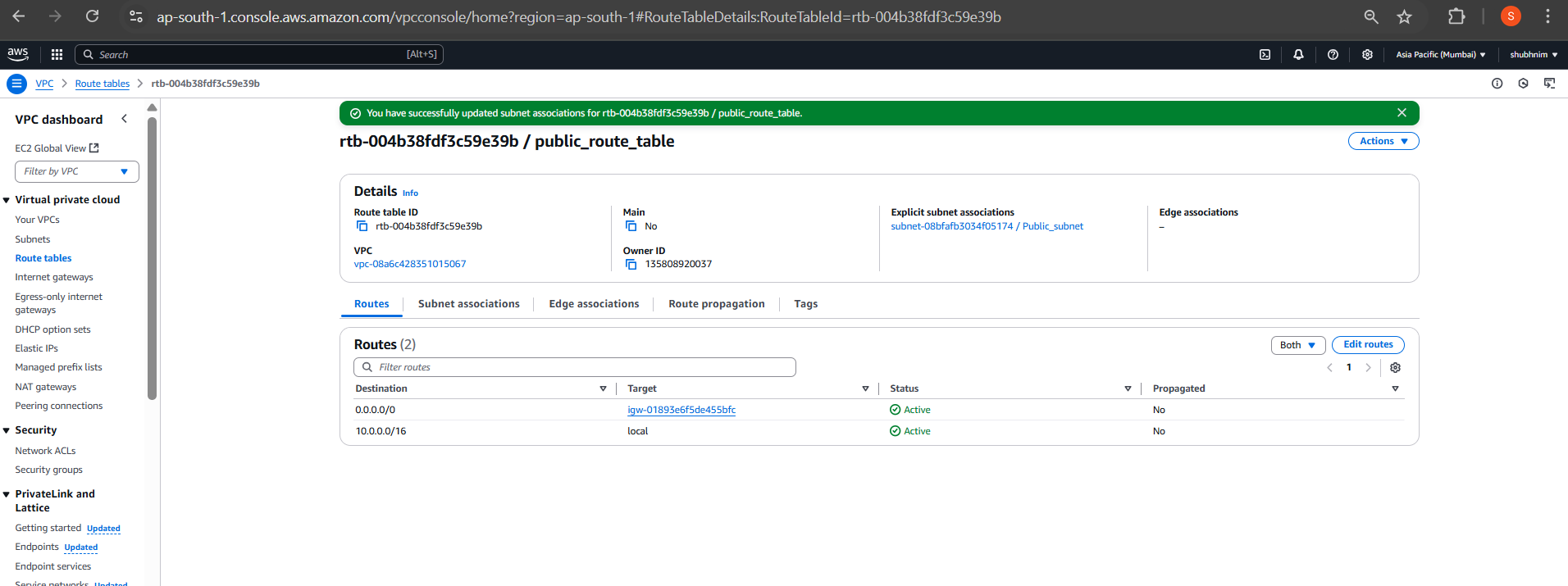




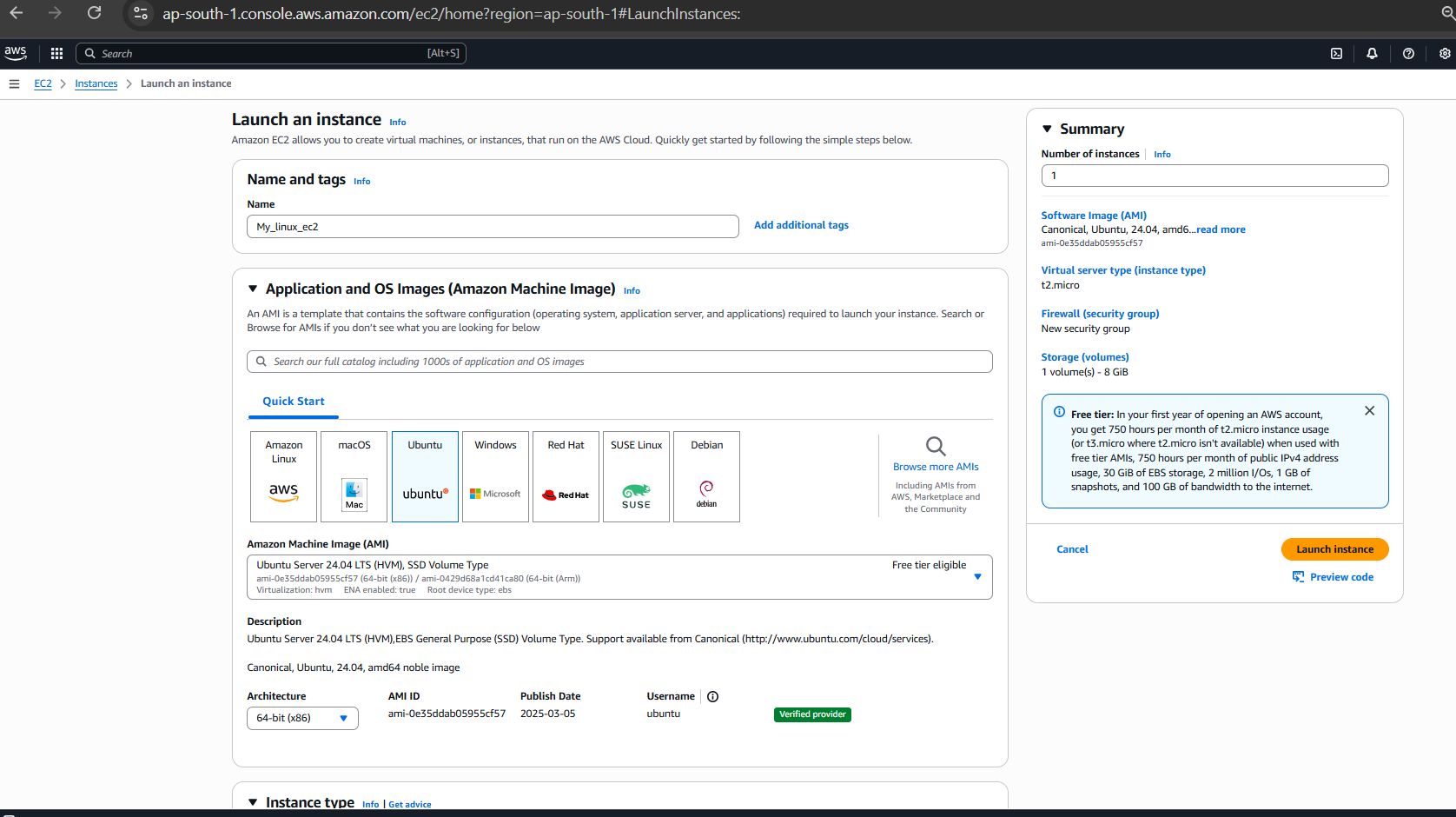
Associate route table to public subnet:

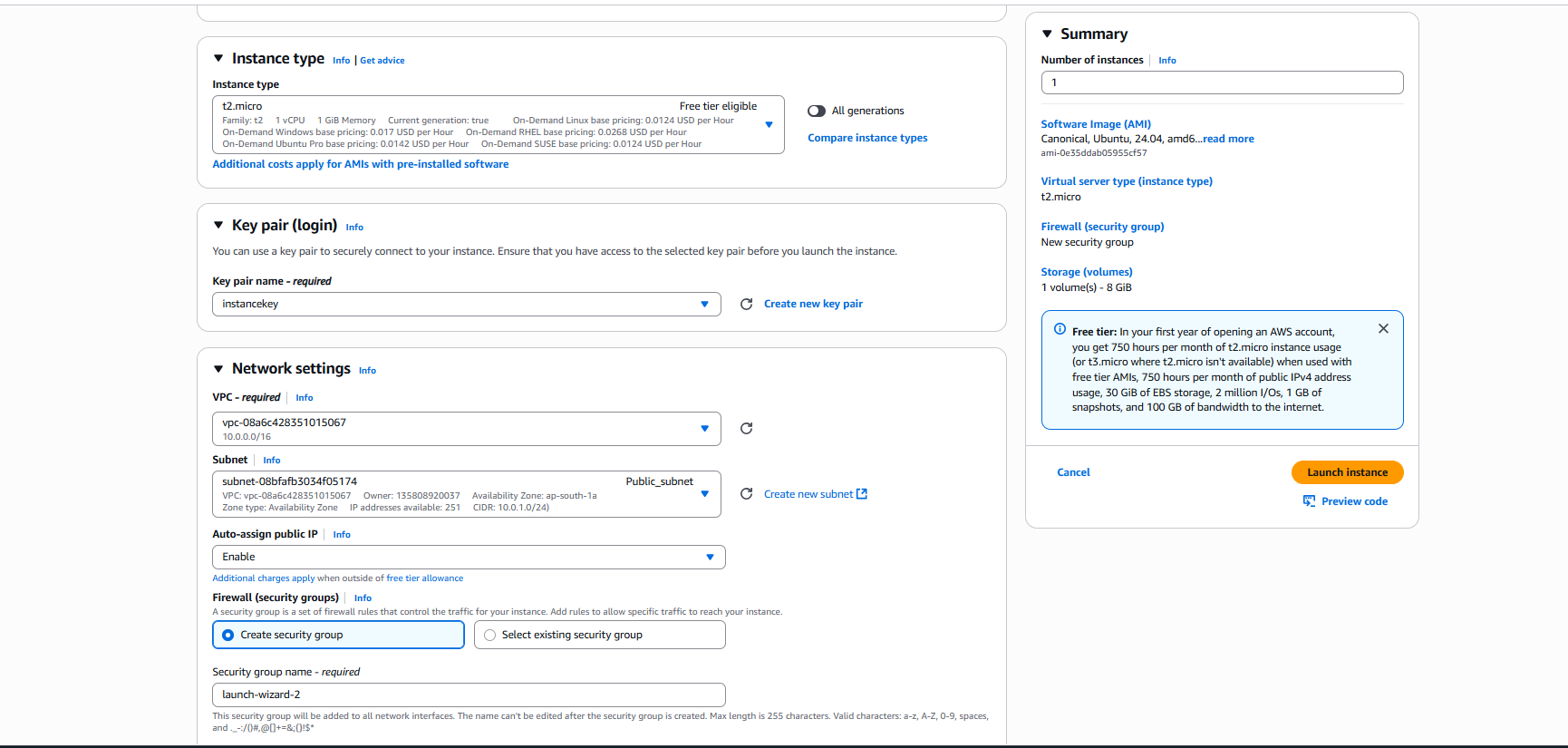


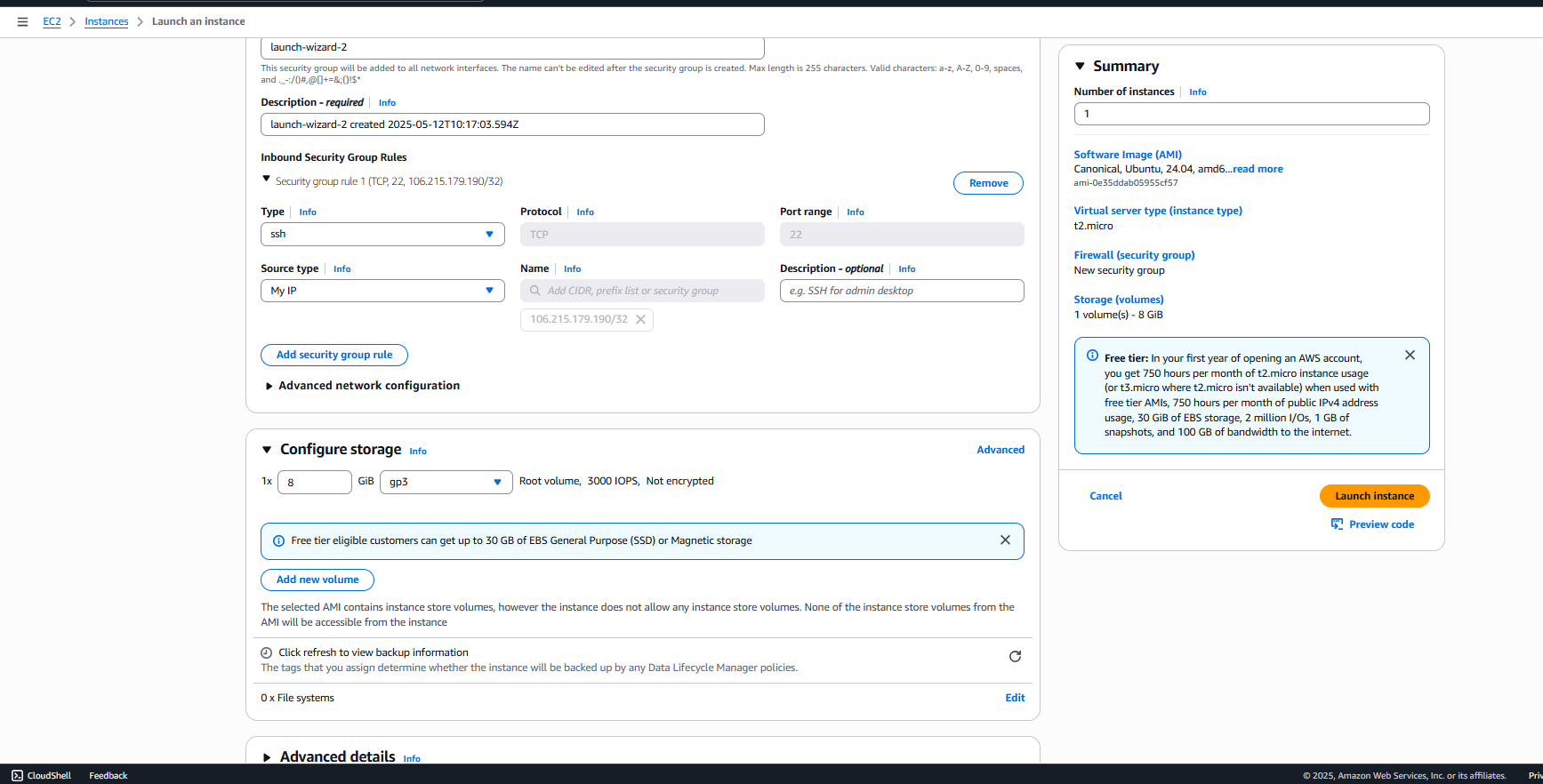


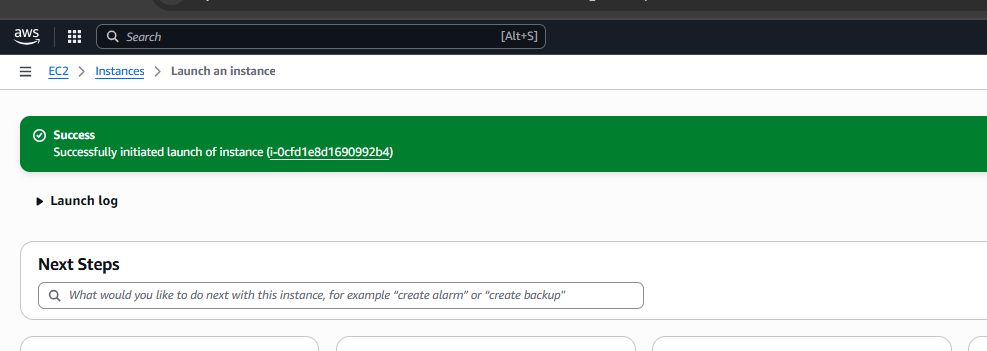


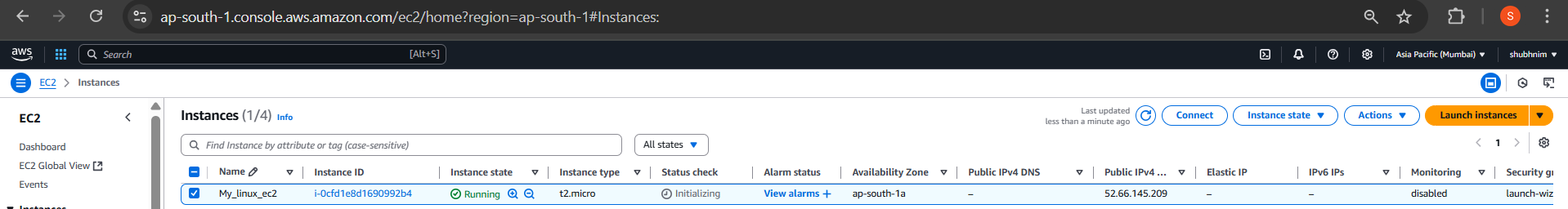
Launch a **Linux EC2 instance** in the public subnet



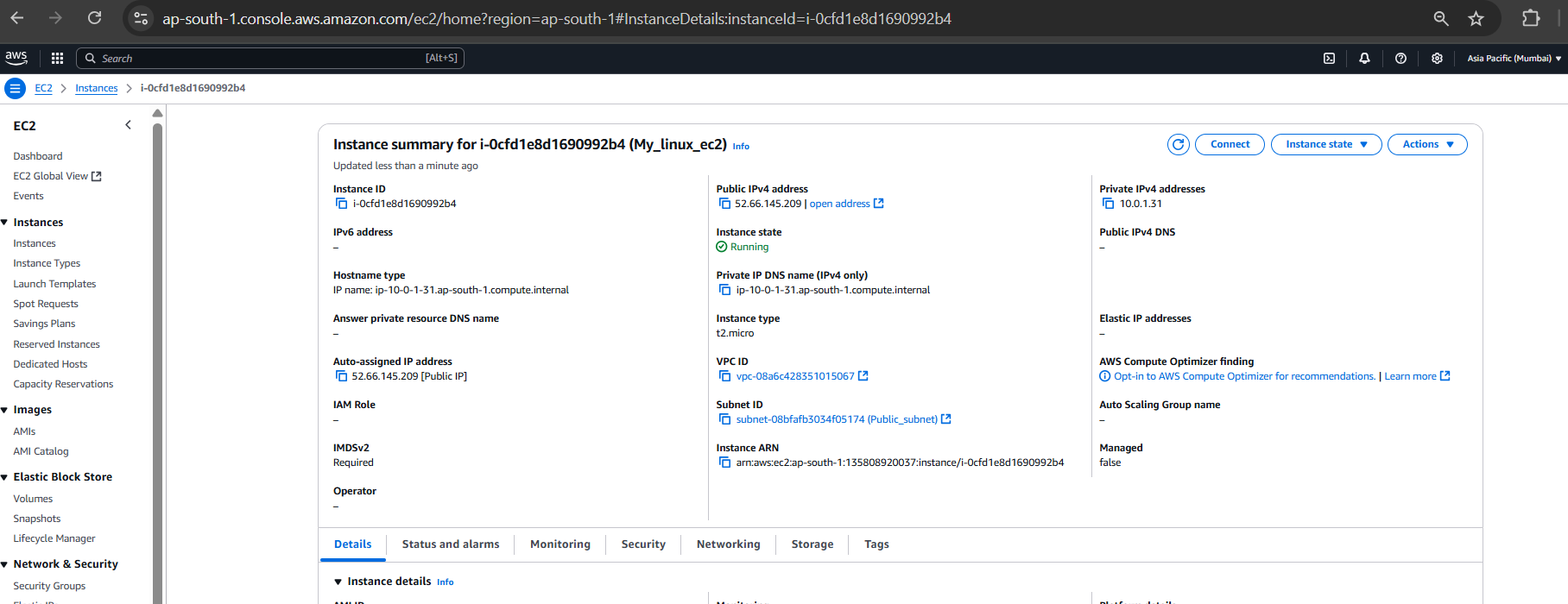








Connecting EC2:

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