***Assignment on Creating Vpcs, Subnets and Routers, and attaching the gate way for this vpcs***

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**1. Prerequisites**

\* AWS console

\*  IAM

\* VPCS

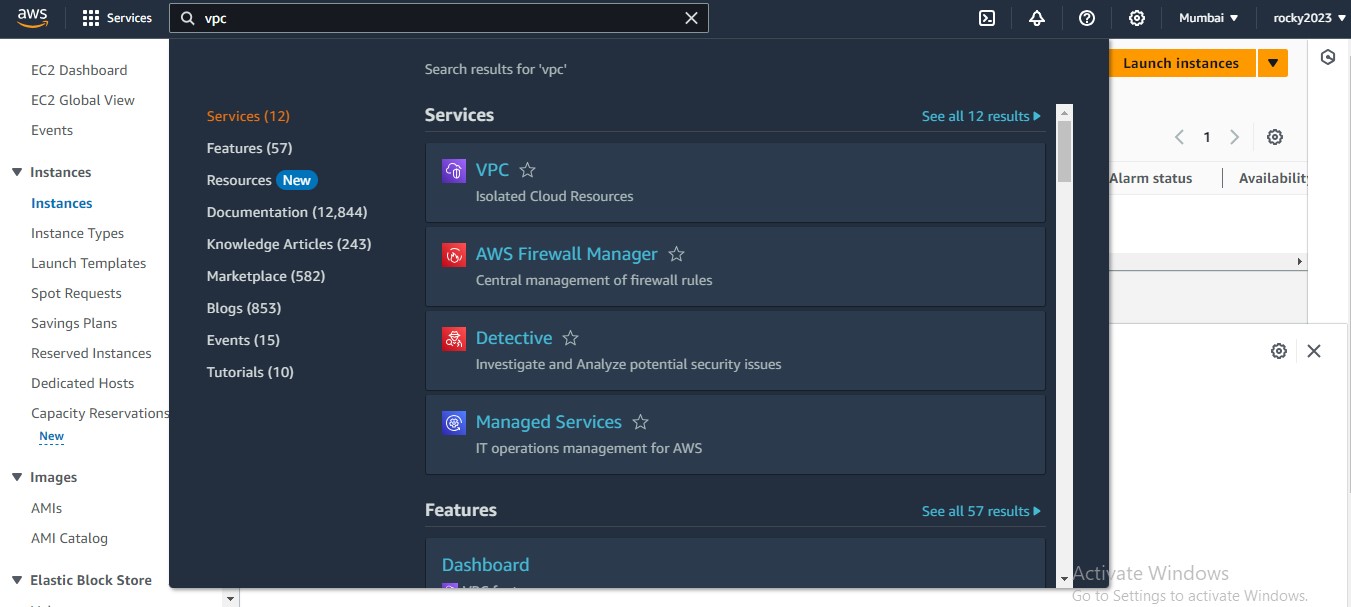
\*  SUBNETS

**# ROUTERS**

**# INTERNET GATEWAYS**

**2. Create vpc to create that enter in to the aws console and navigate to vpc**

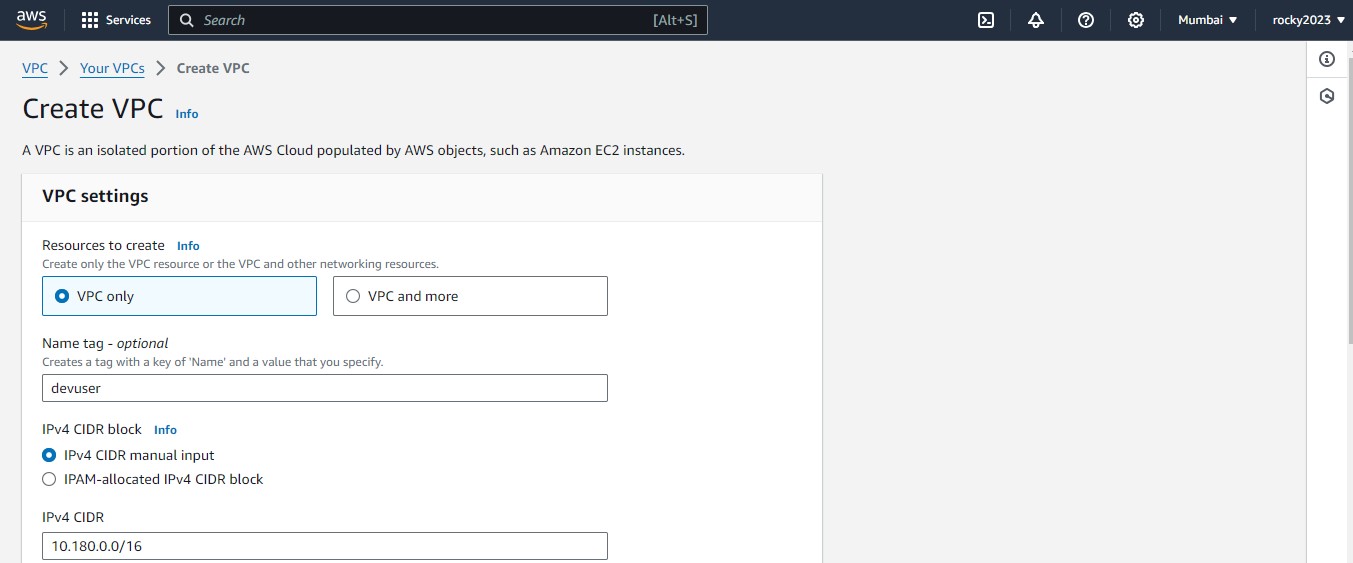
**a. After navigating the vpc and enter in to the vpc and select create vpc**

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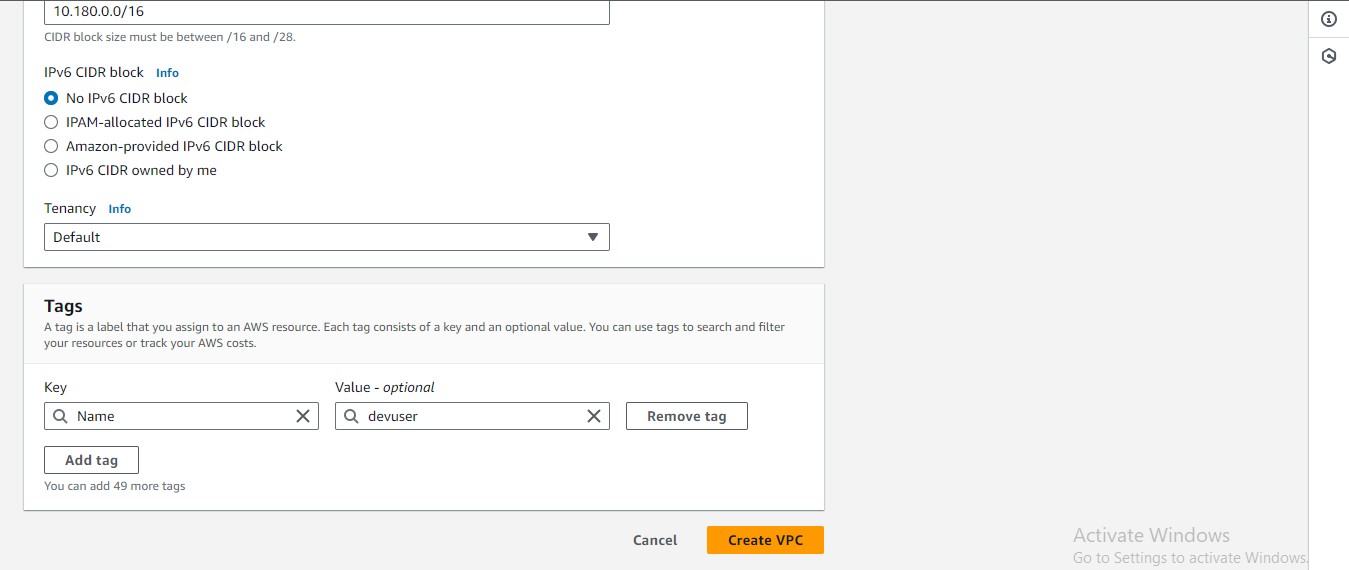
**3. Create vpc and add some requisites show below**

**a. Select vpc only**

**b. In cdr block select (ipv4 CIDR MANULA INPUT)**

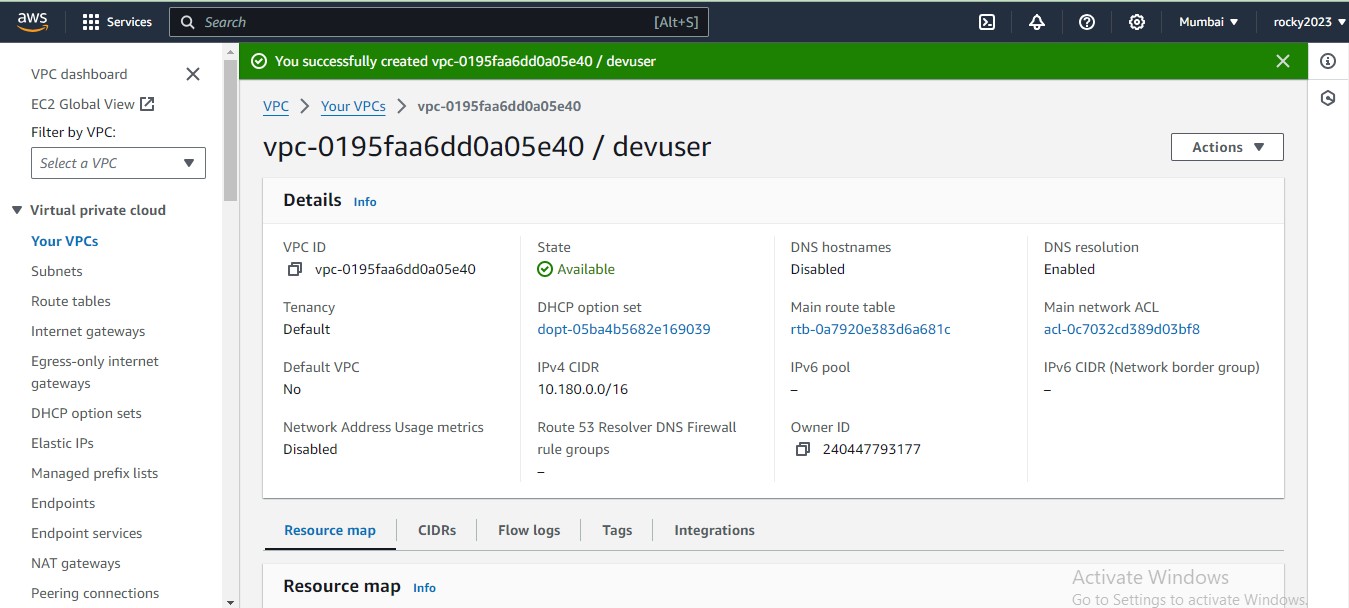
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**4. After giving requisites select create vpc .**

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**5. Vpc created successfully and next go for creating igw (internet gate way)**

**To select igw it shows left side vpc list select their .**

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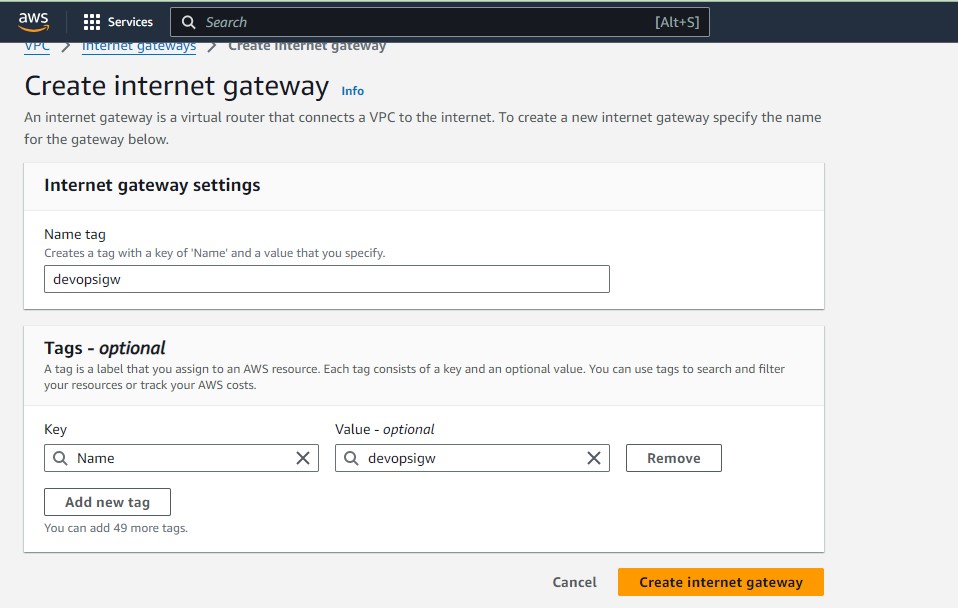
**6. Create internet gateway by selecting IGW .**

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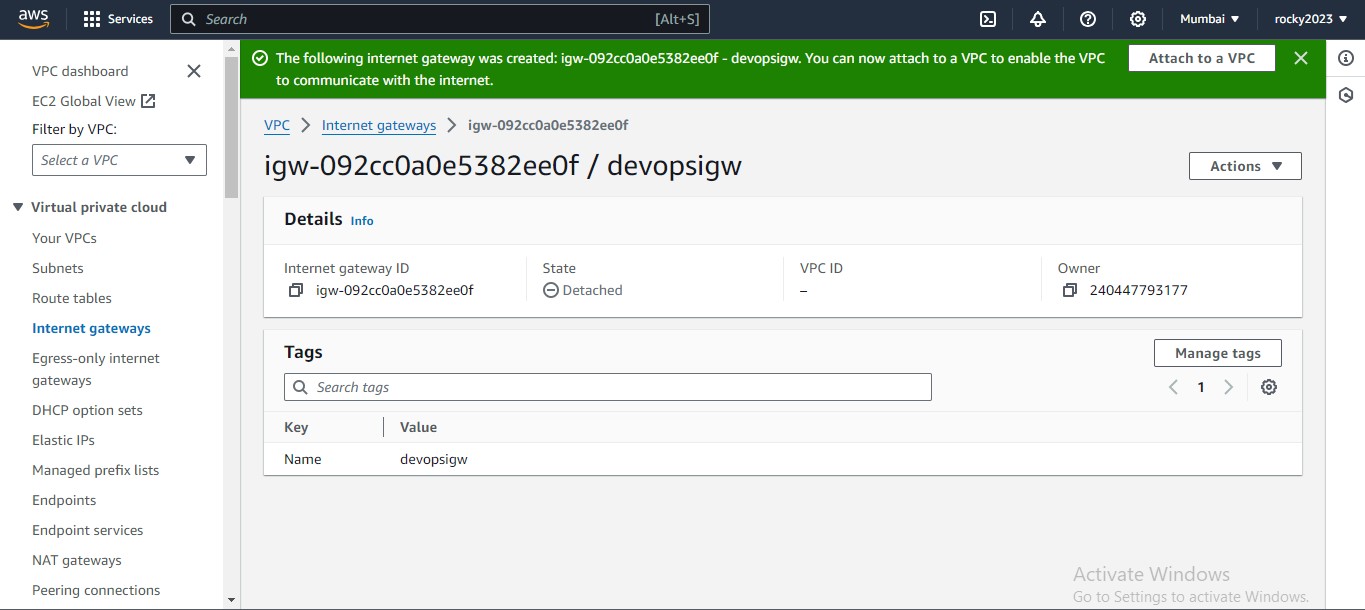
**7. Create Igw by adding some credentials.**

**a. Give tag name.**

**b.Next click on create internet gateway option.**

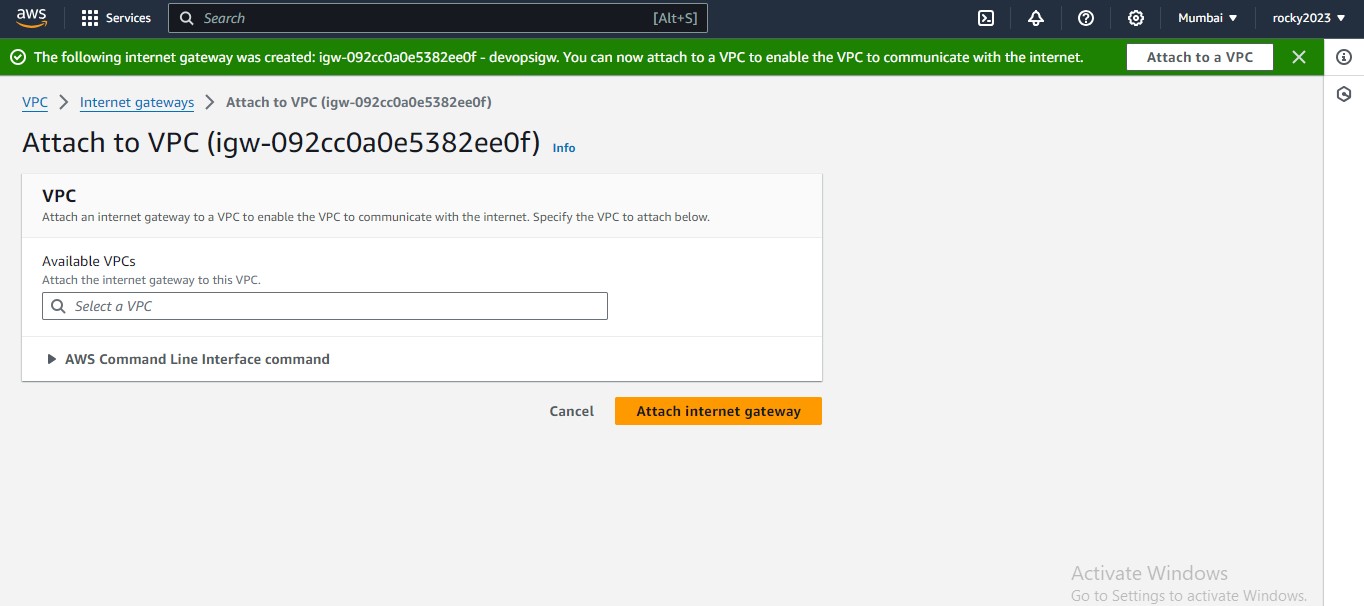
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**8. After creating igw next attach to vpc it shows left side top .**

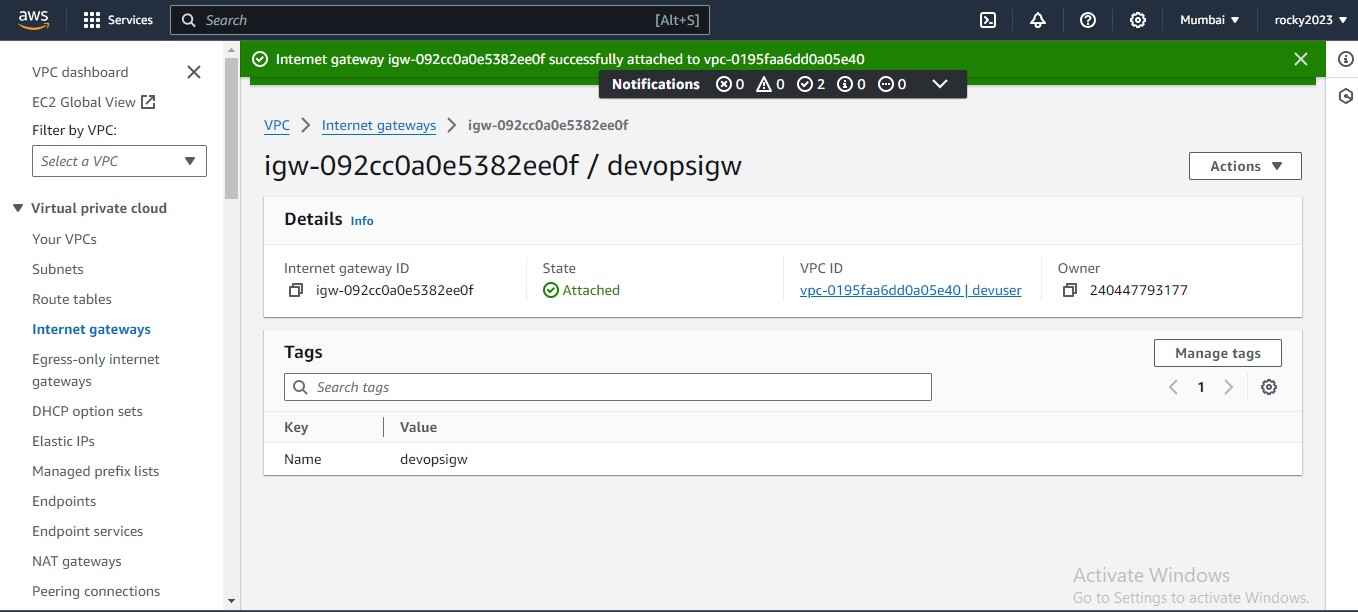
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**9. Inside attach to vpc add ur created vpc by clicking on that box**

**a. Next click on attach internet gateway button.**

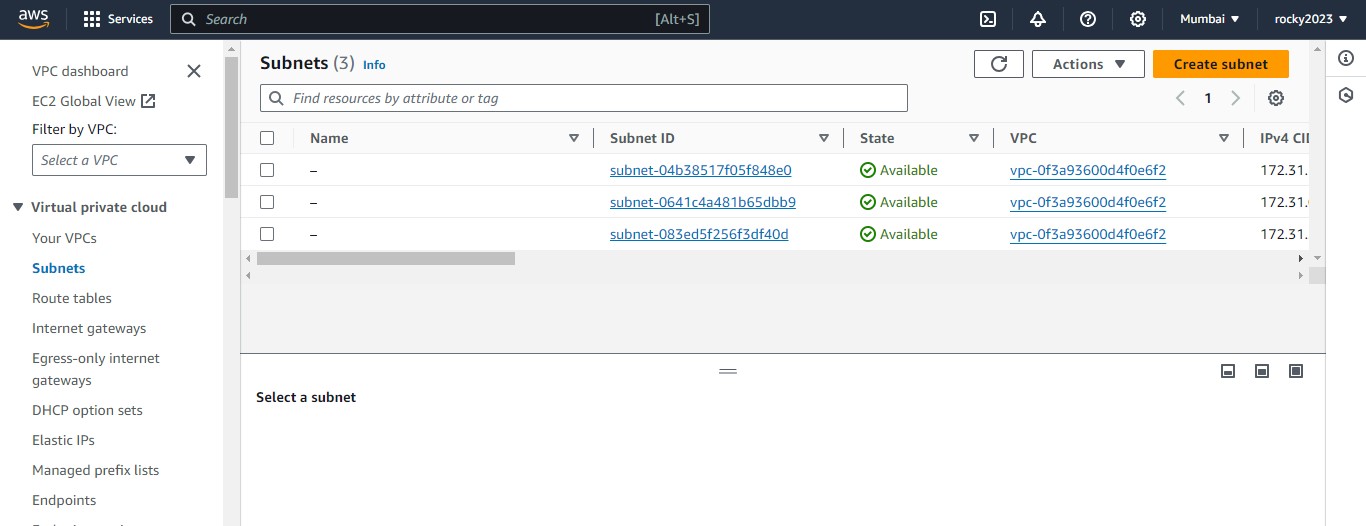
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**10. Below imag shows clearly that igw attached to the vpc.**

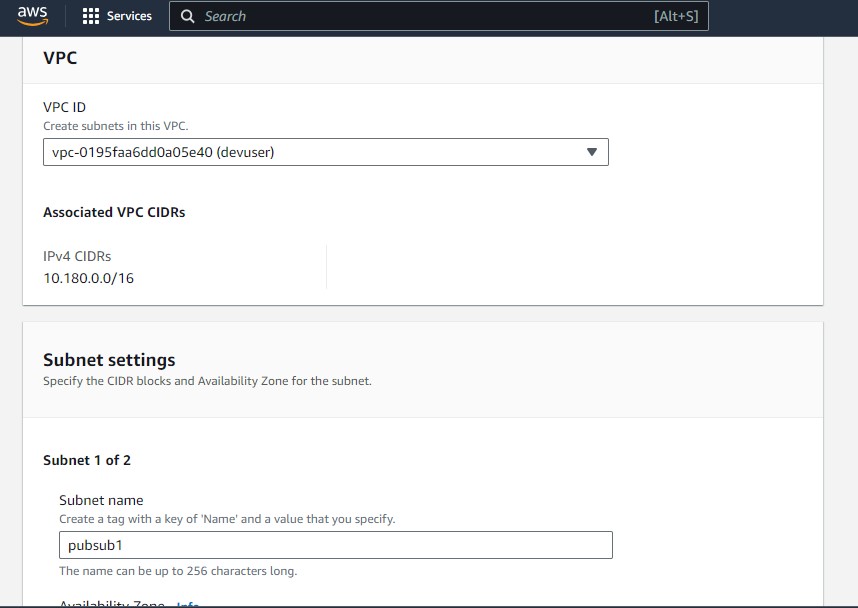
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**11. Created subnets will show on left side of the vpc list.**

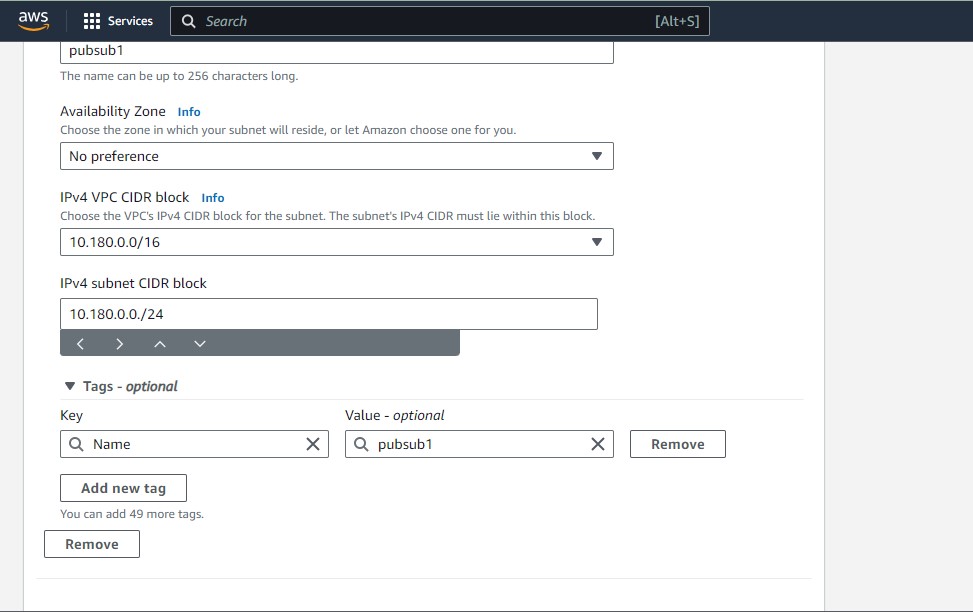
**a. Subnets for 2 Public and 2 private .**

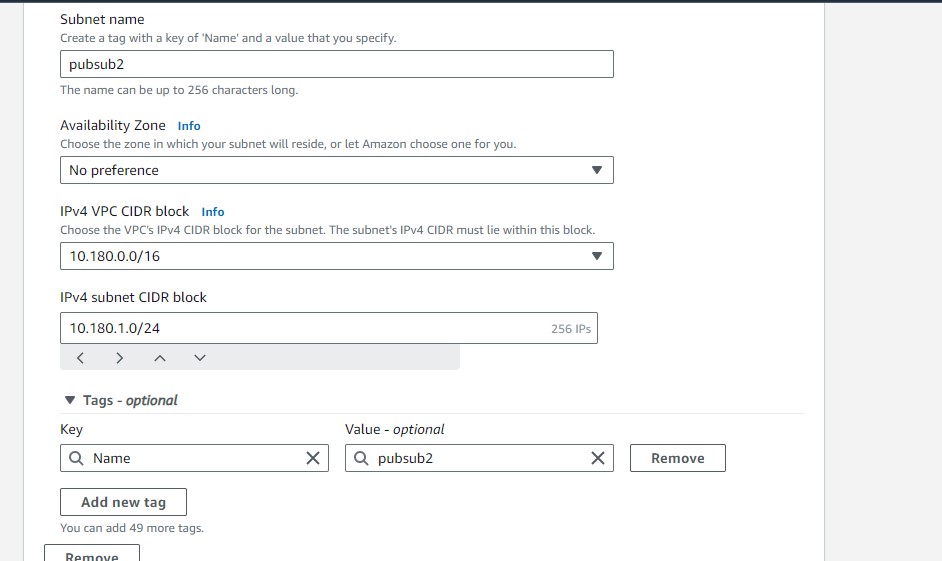
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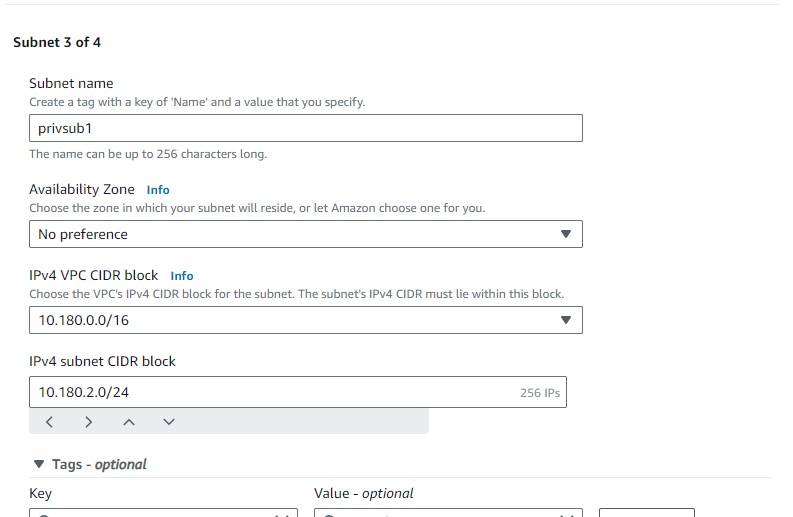
**12. Add credentials in that boxes as shown in below image.**

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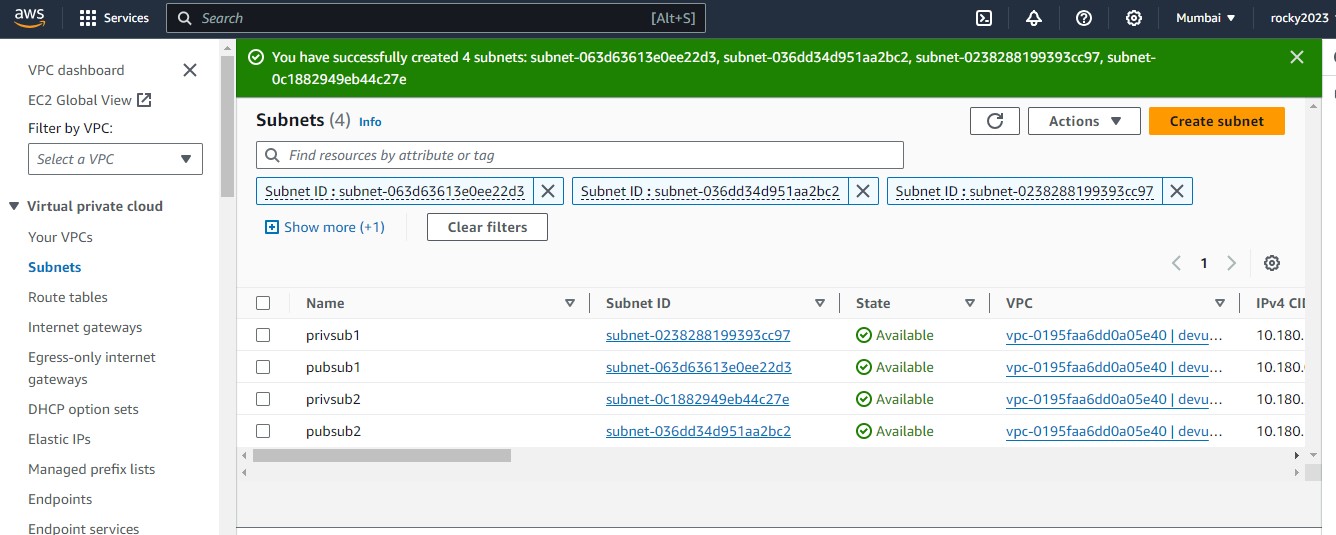
1. **Continued from the above image add credentials to end of the page.**

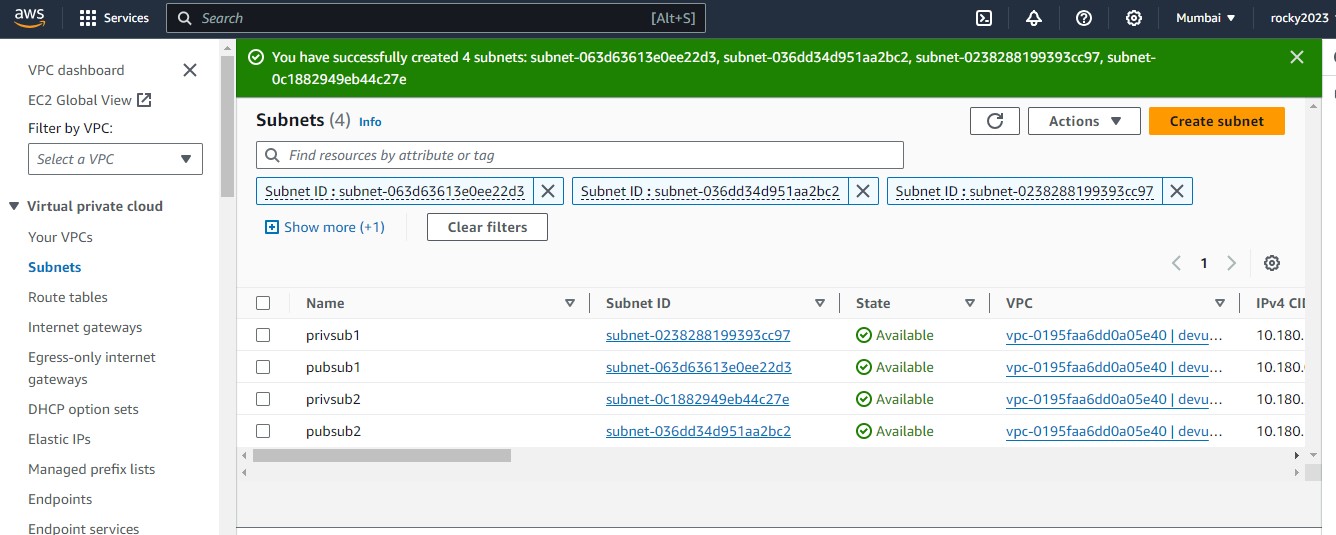
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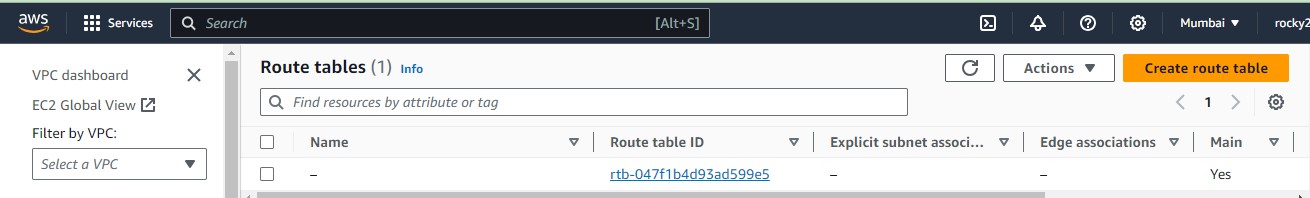
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**13. Finally Subnets created**

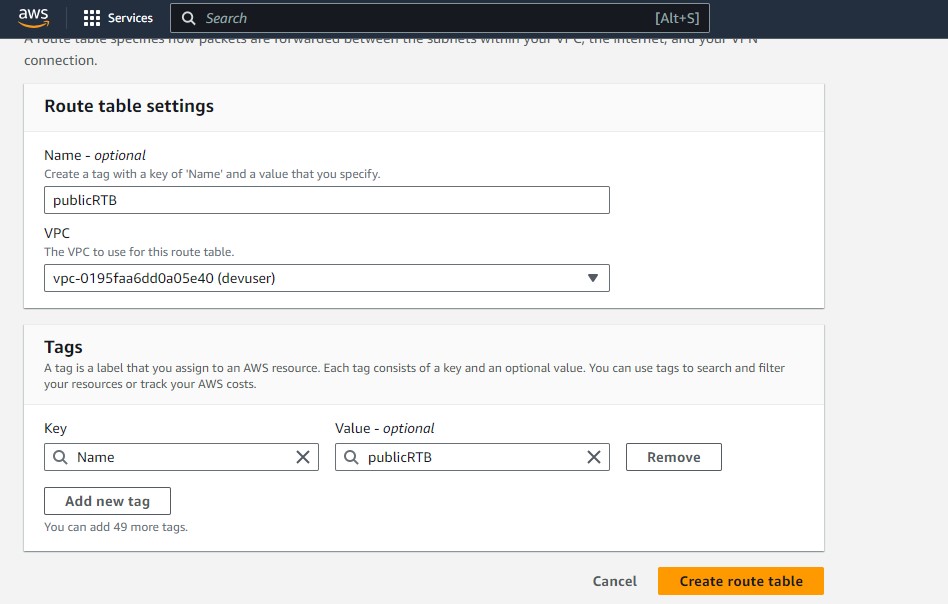
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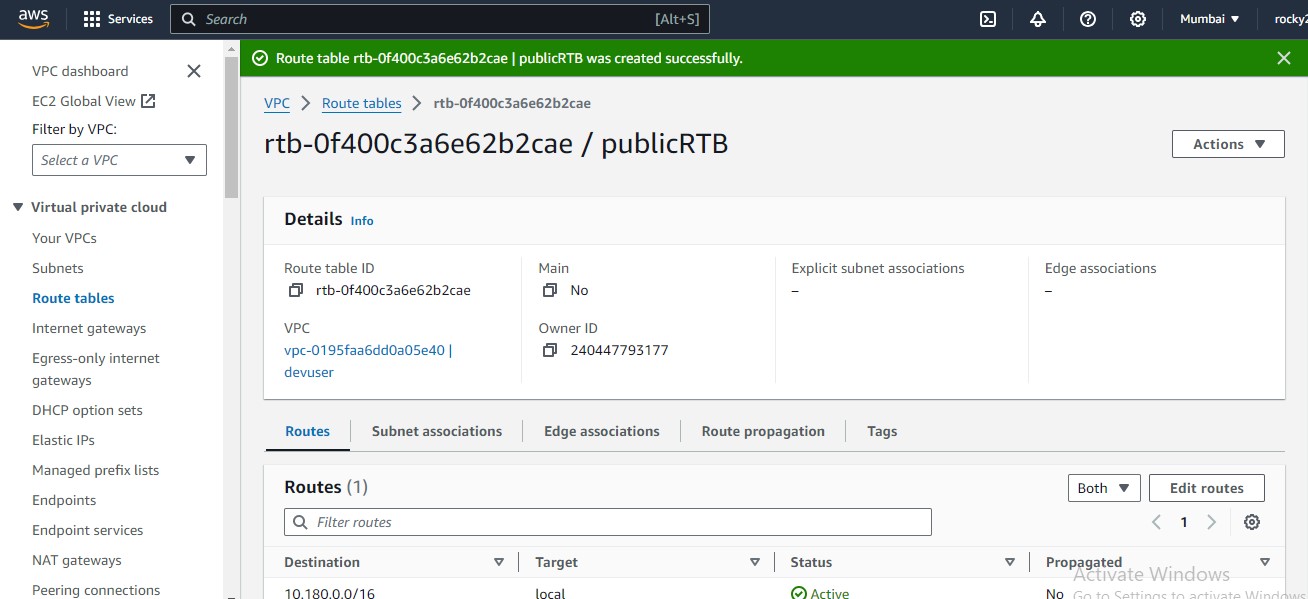
**14. Create route tables for public and private.**

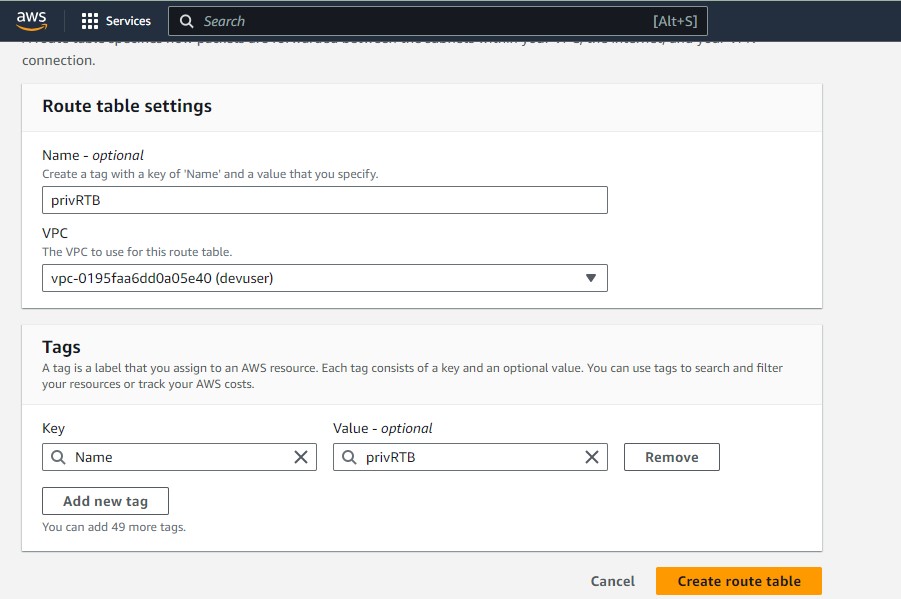
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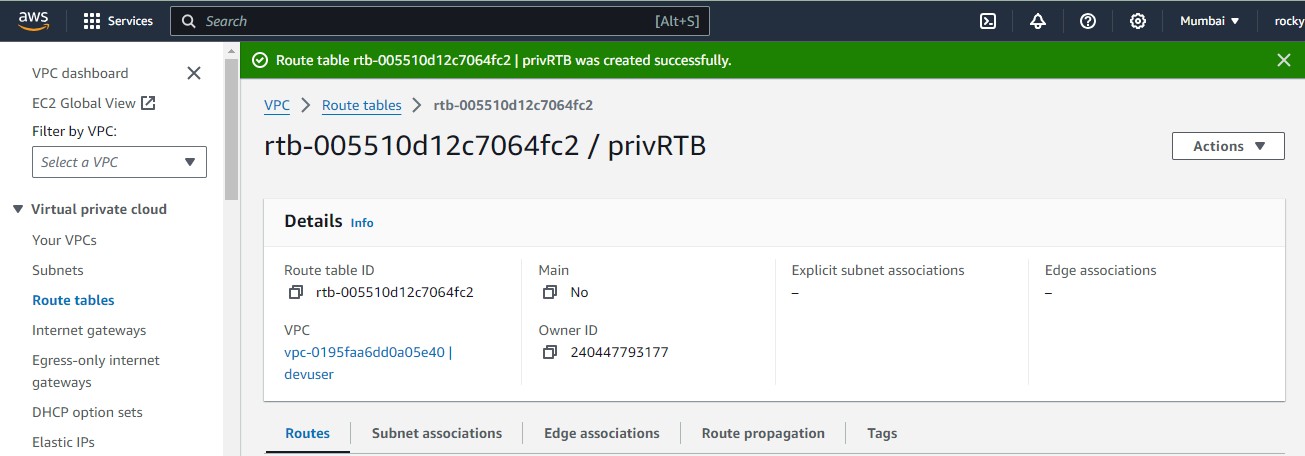
**15. After entering in to the route table add details for that as shown in below image.**

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**16. Below image show succesfull creation of route tables.**

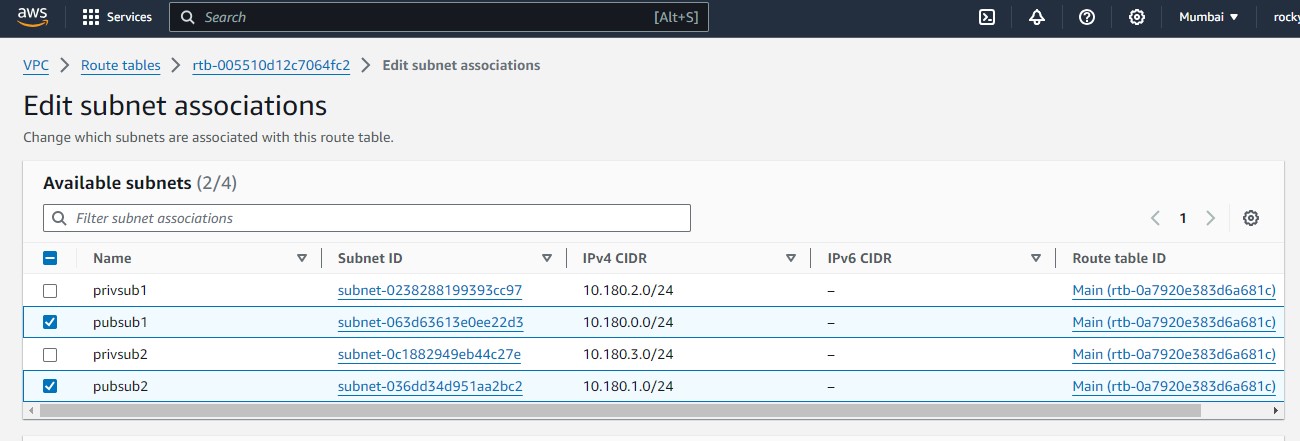
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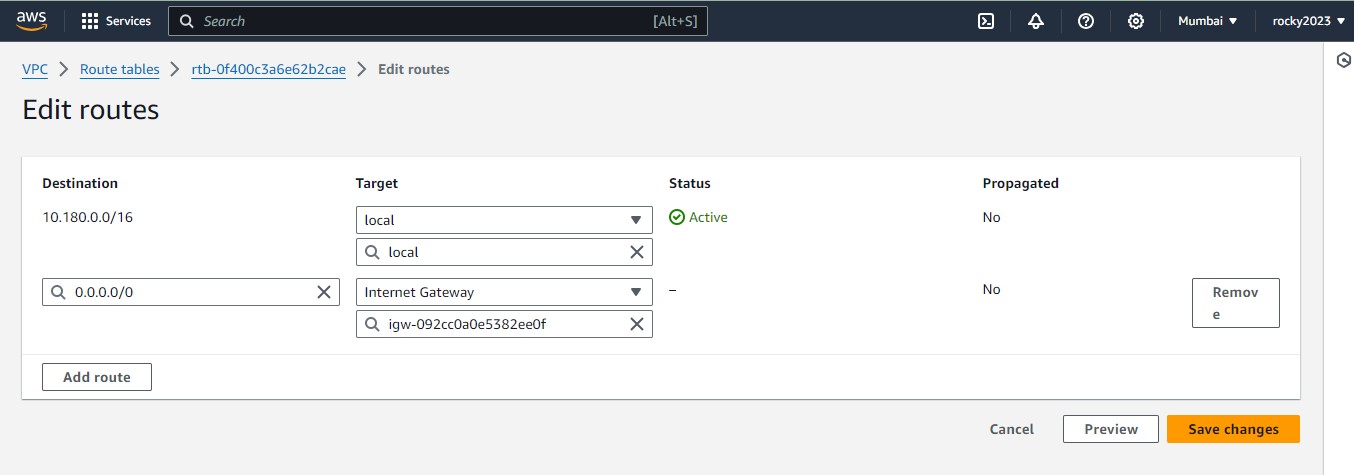
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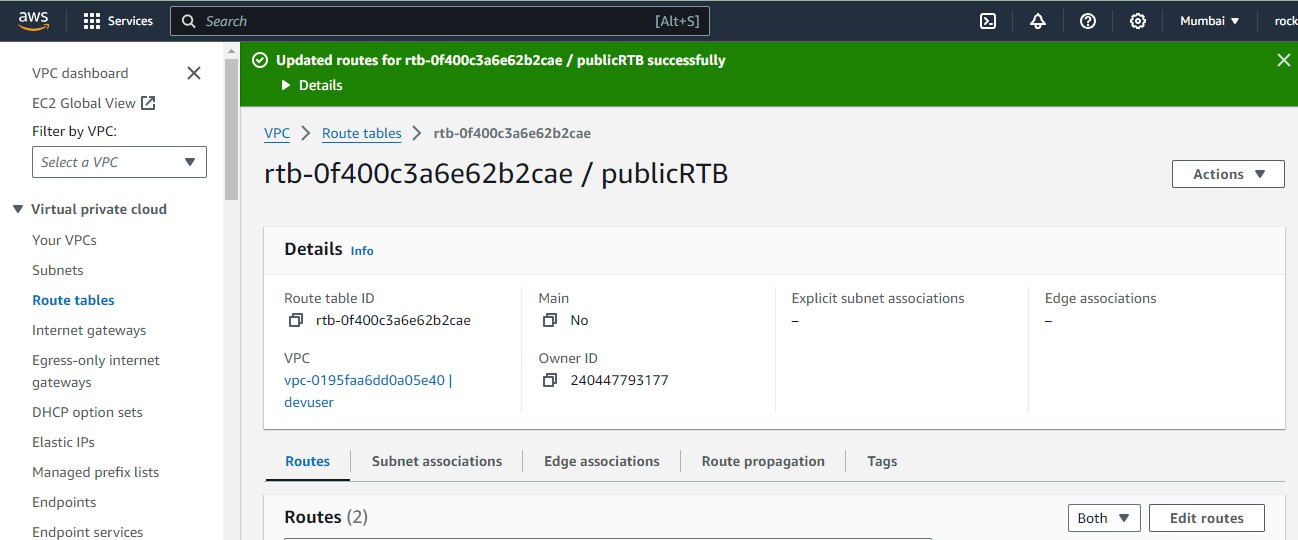
**17. Next part is edit submnet associations.**

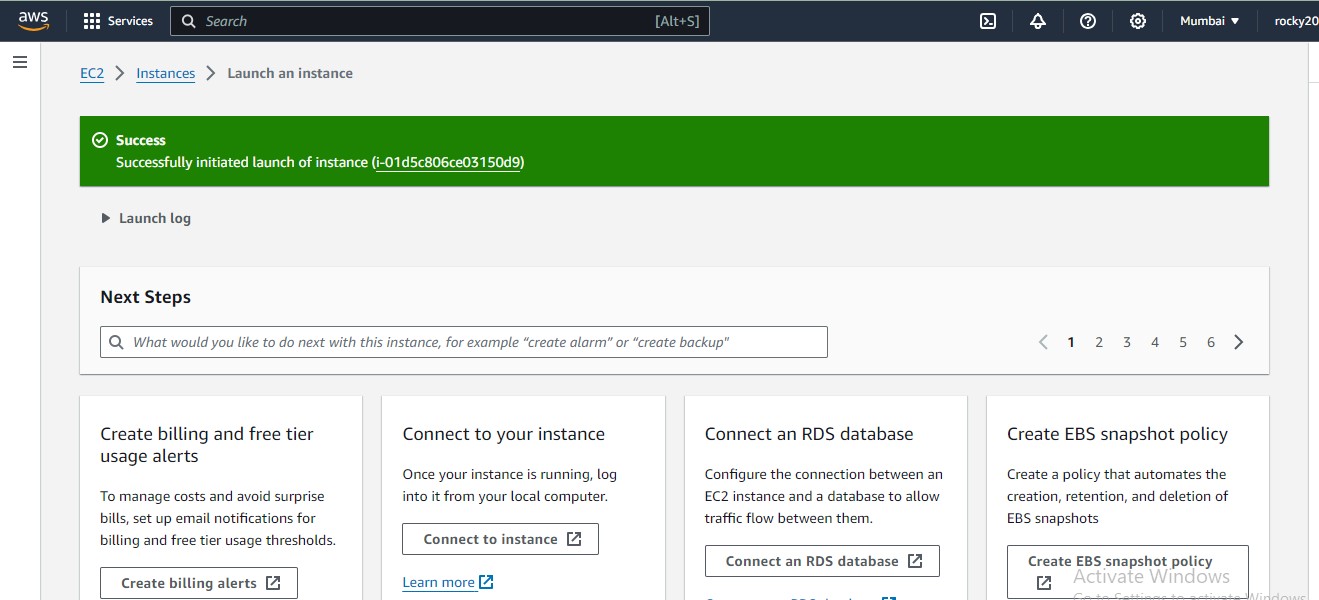
**a. Select one by one like public first and second private to edit**

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**18. By selecting option edit route it will be done and add required details shon below image.**

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