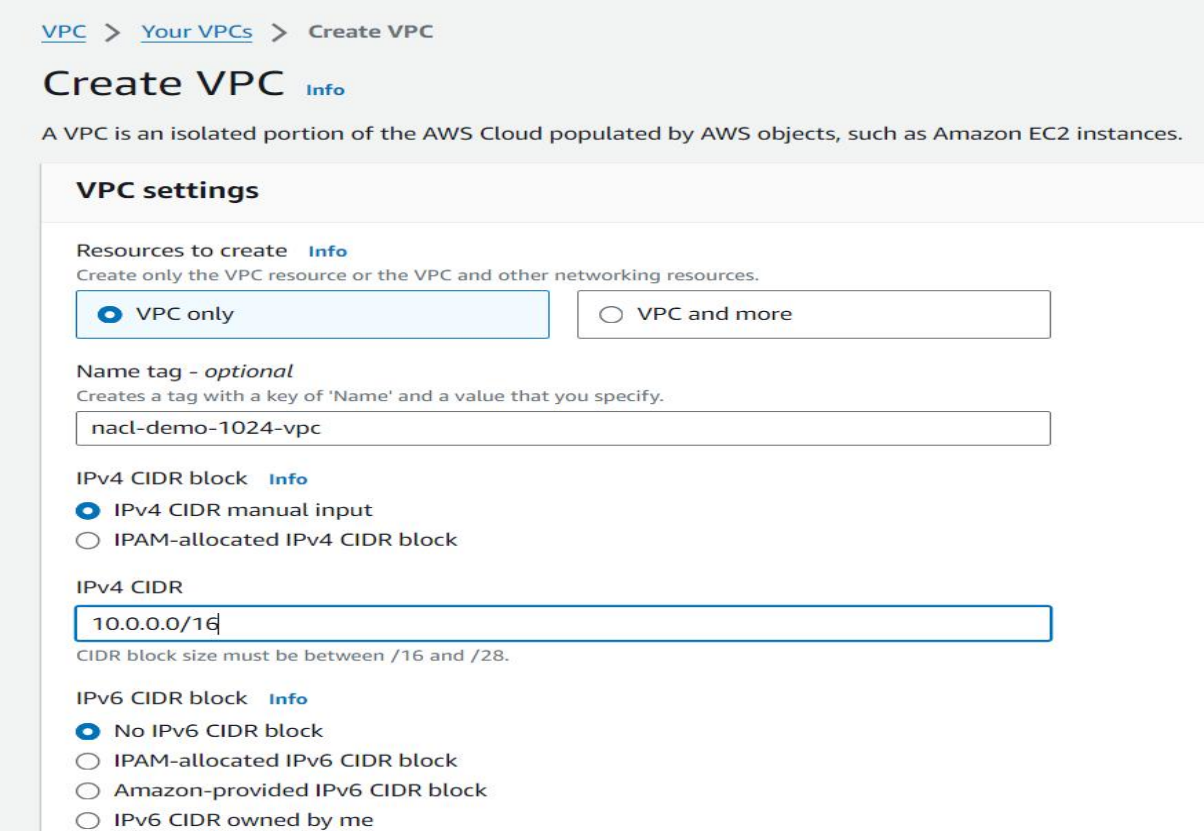
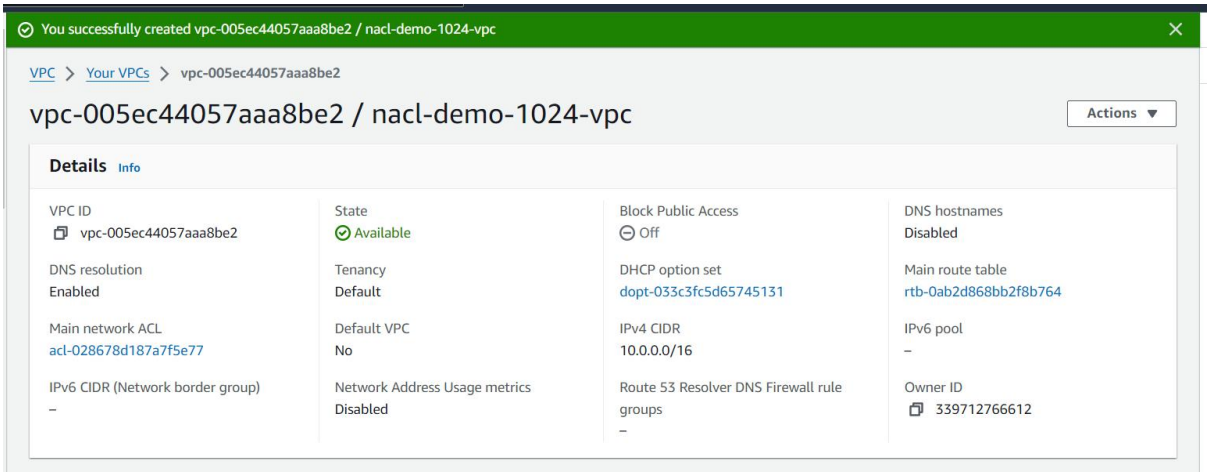
Name of the Student: Shrushti Krishna Shrivastav **PRN:** 20220801024

Title of Practicle : Configuring Layered Security in an AWS VPC(NACL)

STEP1: CREATE VPC





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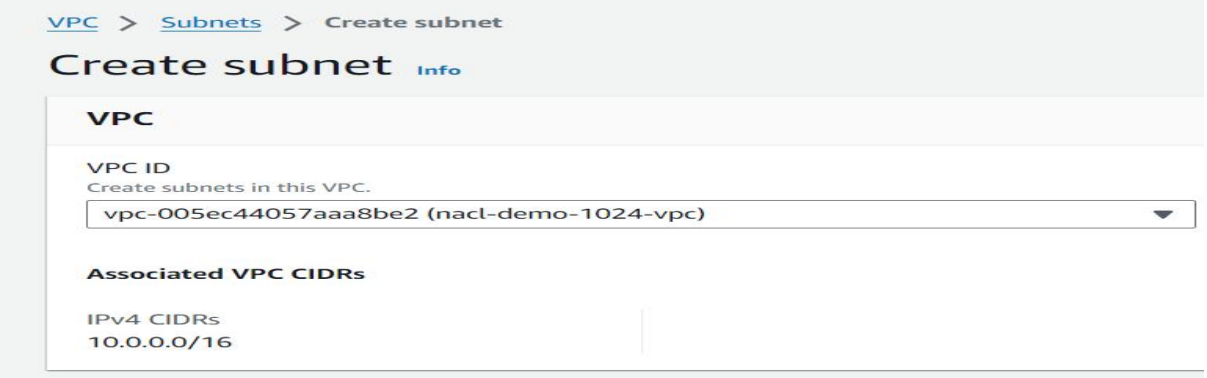
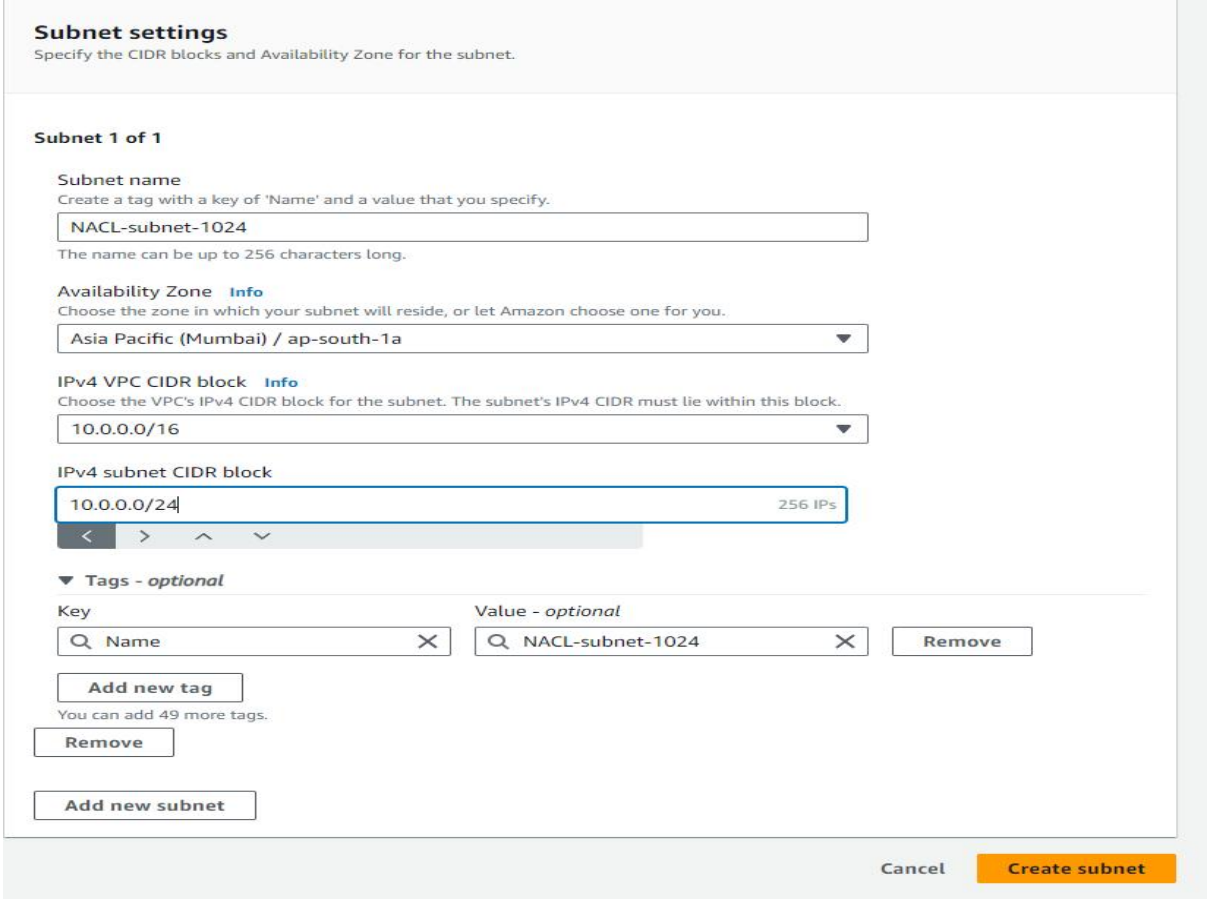
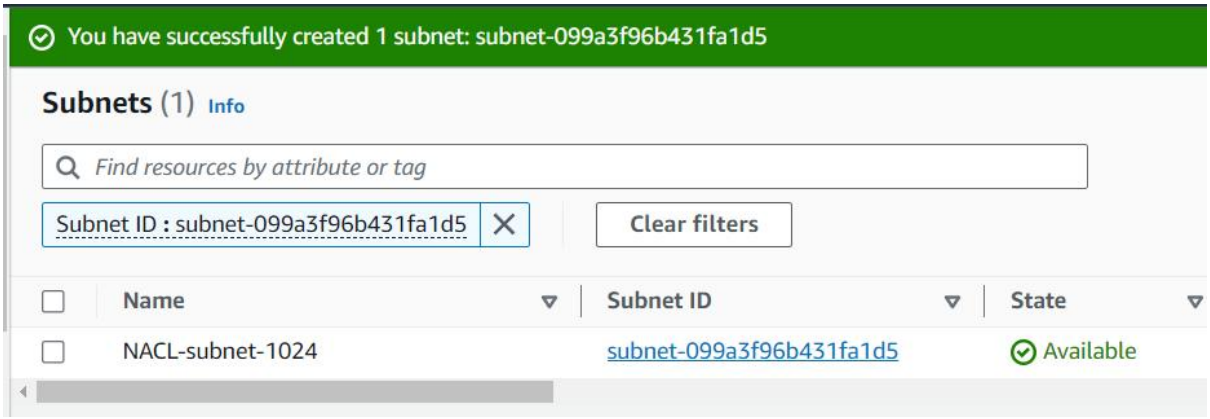
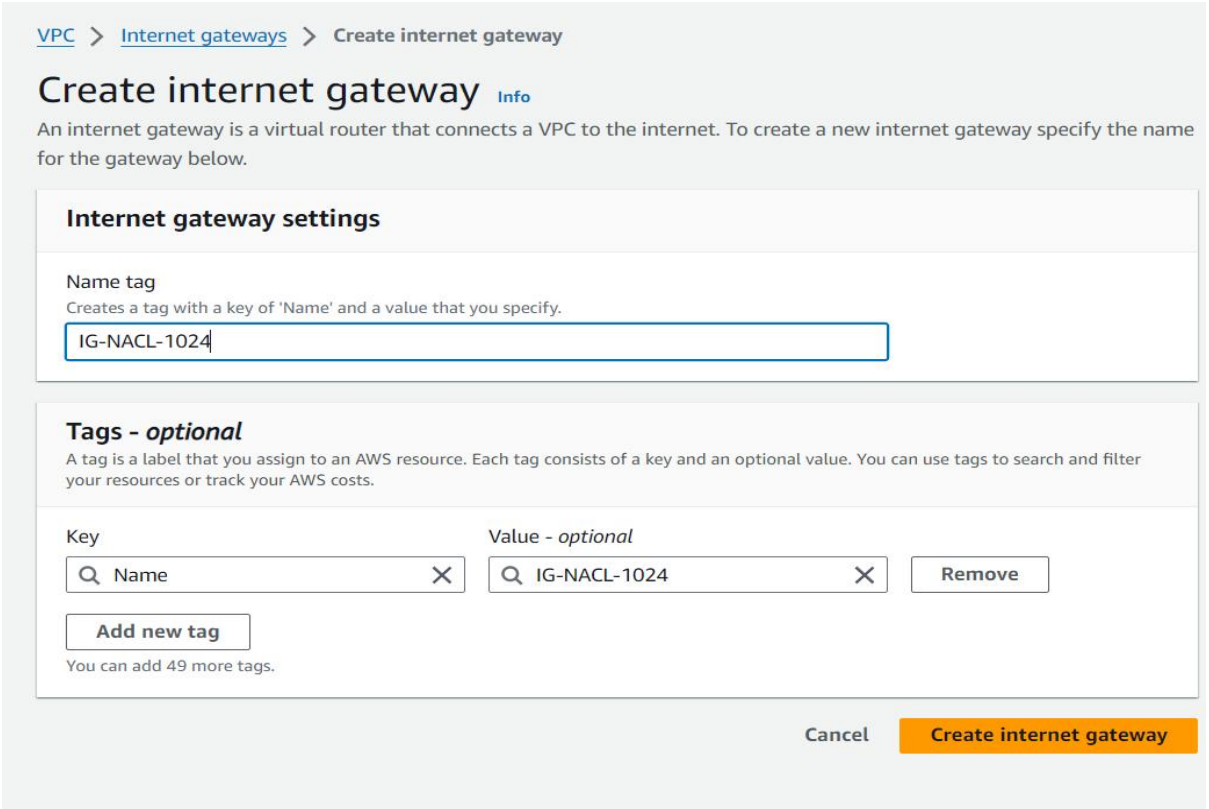
STEP2: CREATE SUBNET







STEP3: CREATE INTERNET GATEWAY



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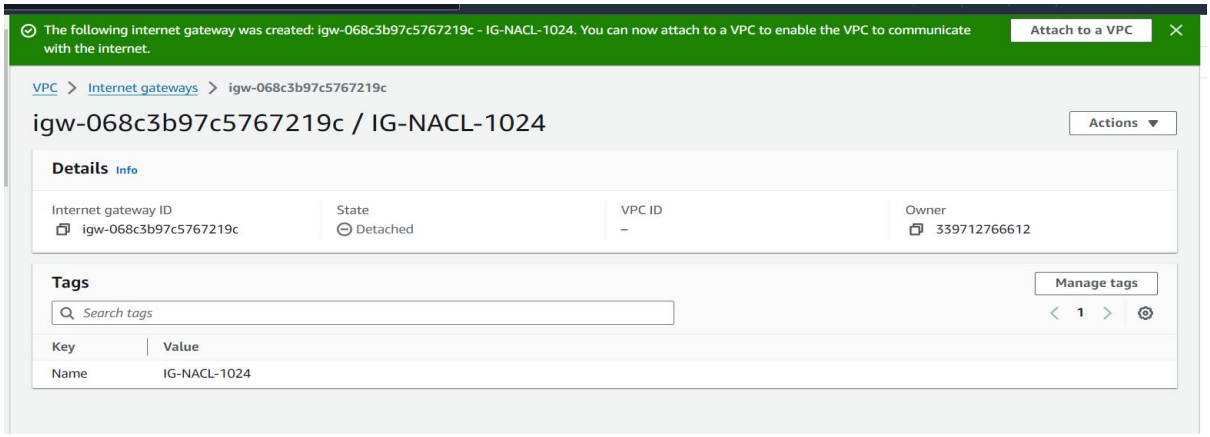
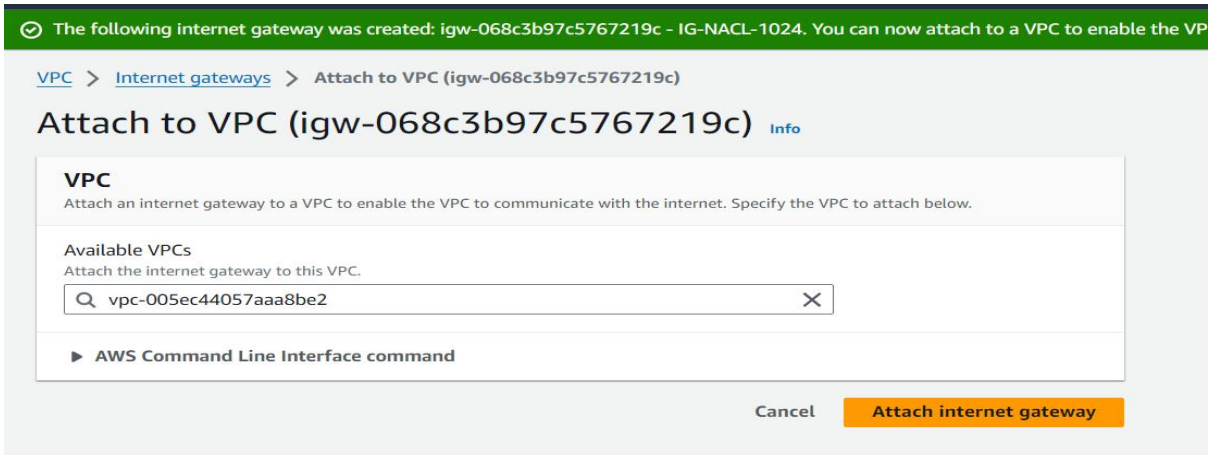
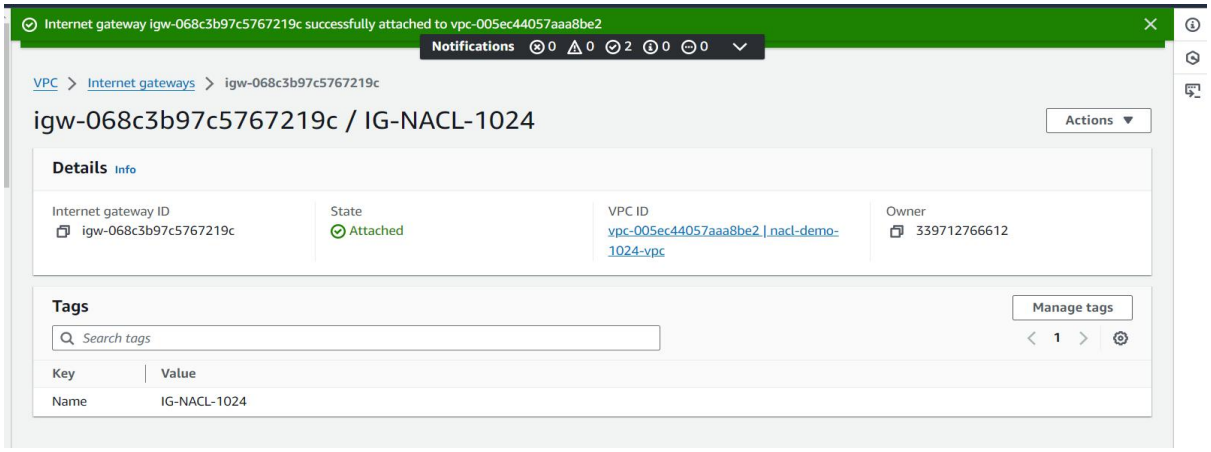


ATTACH--





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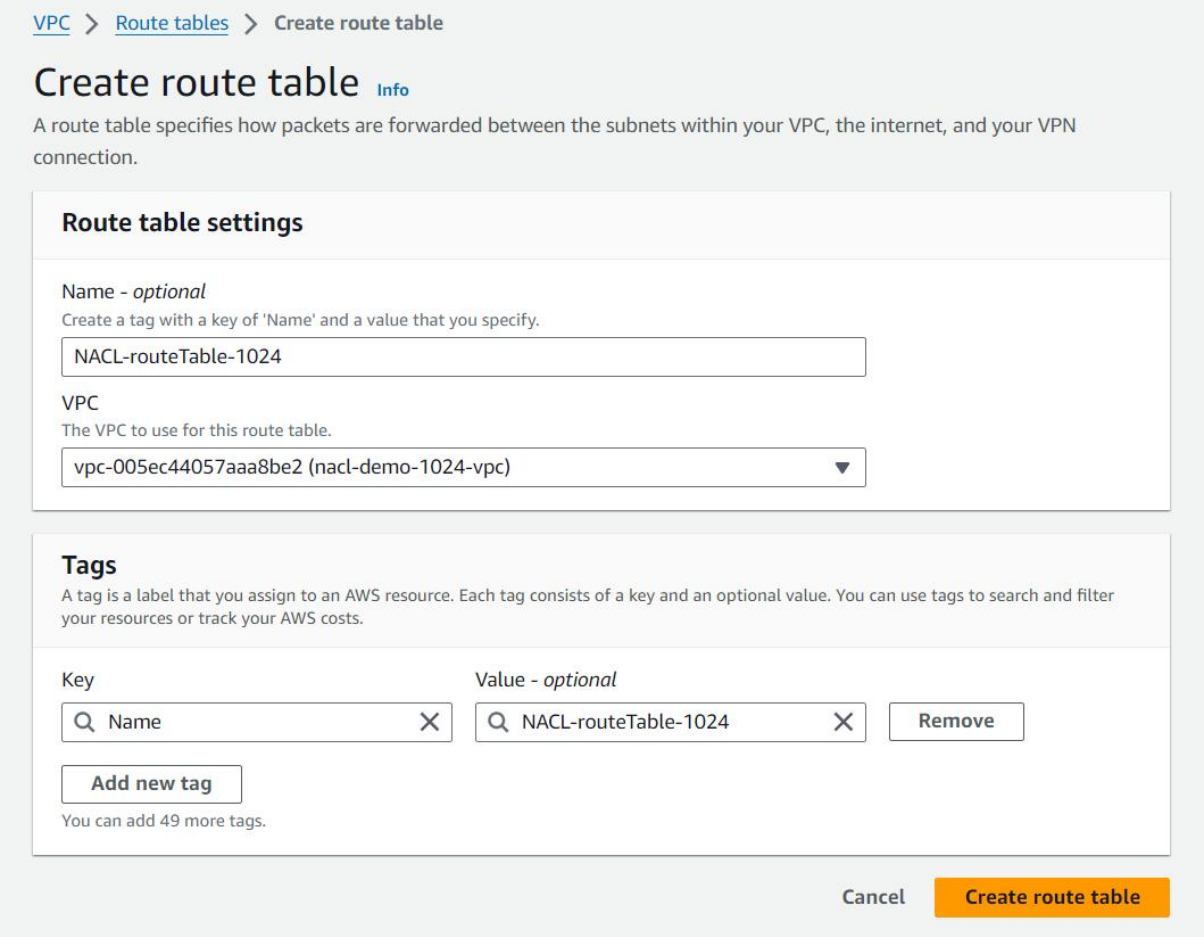
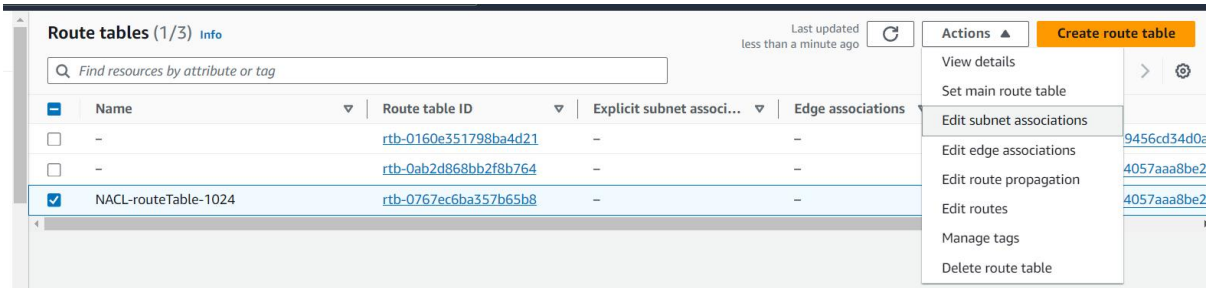
Title of Practicle : Configuring Layered Security in an AWS VPC(NACL)

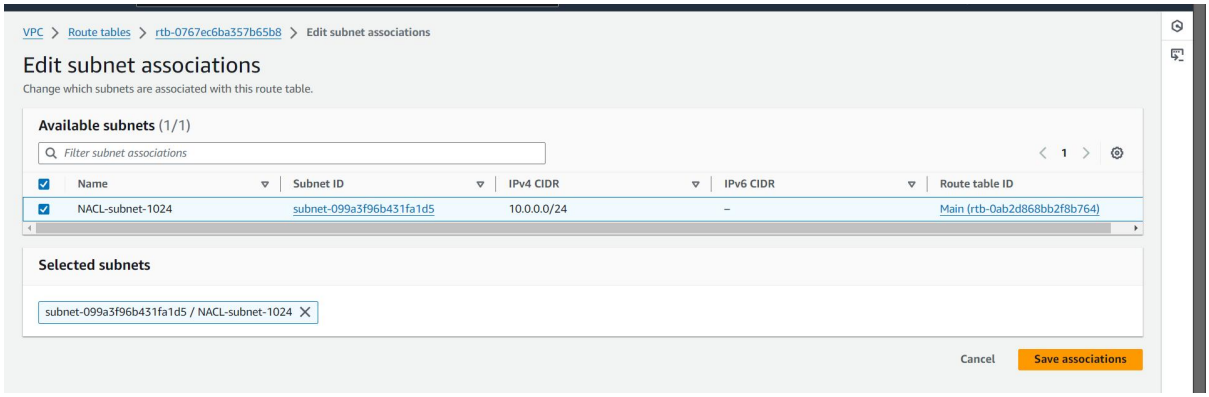
STEP4: CREATE ROUTE TABLE



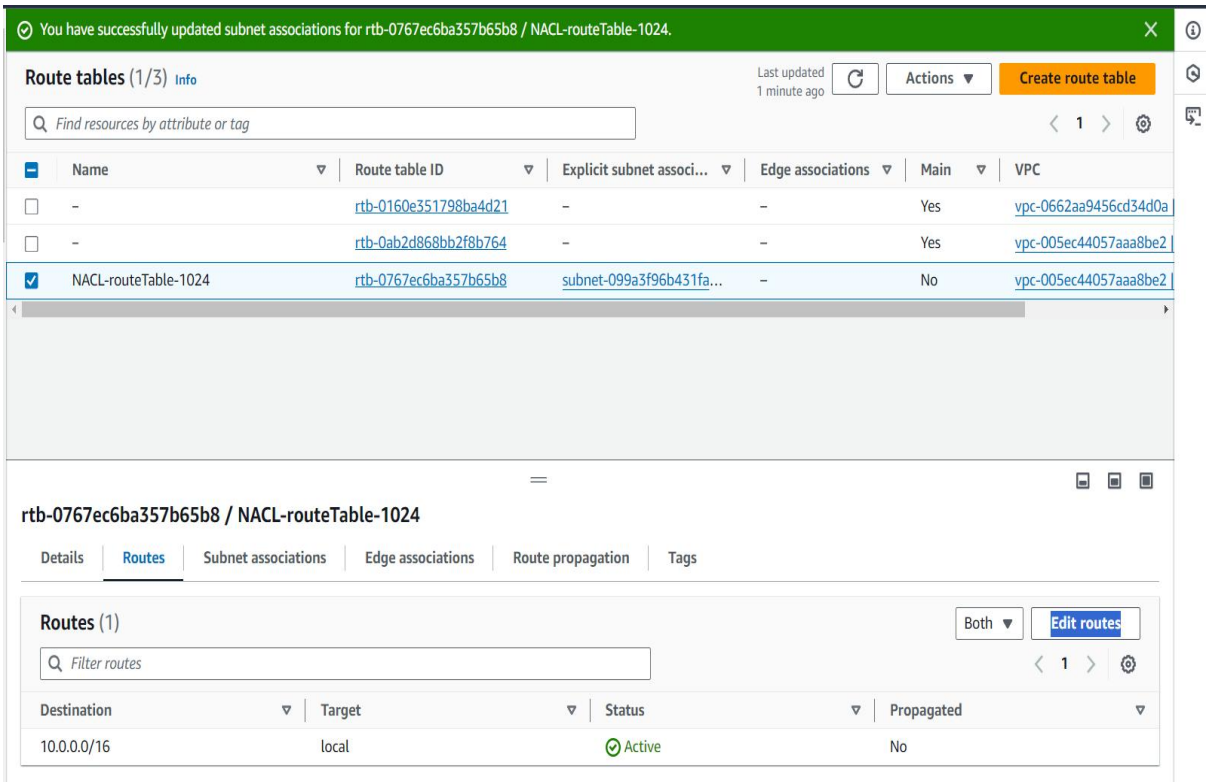
Edit subnet association



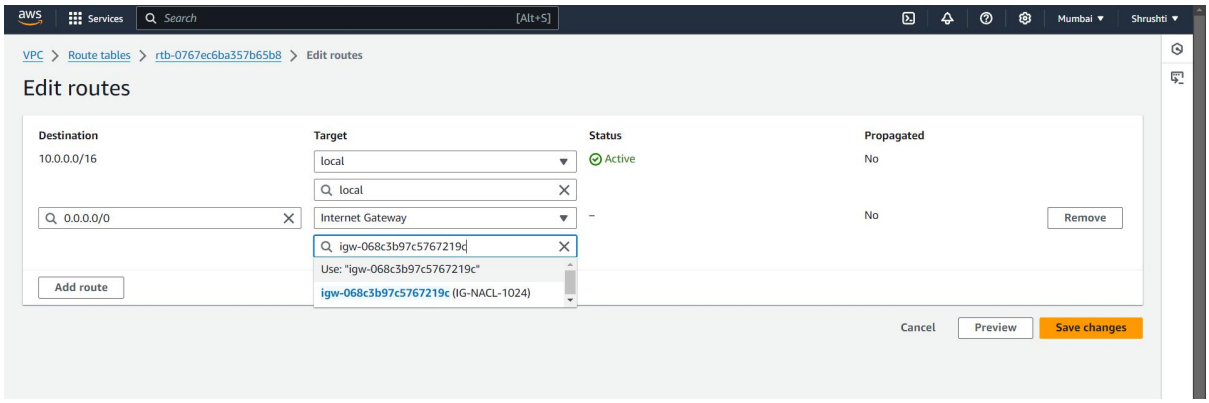
select the subnet and save changes--



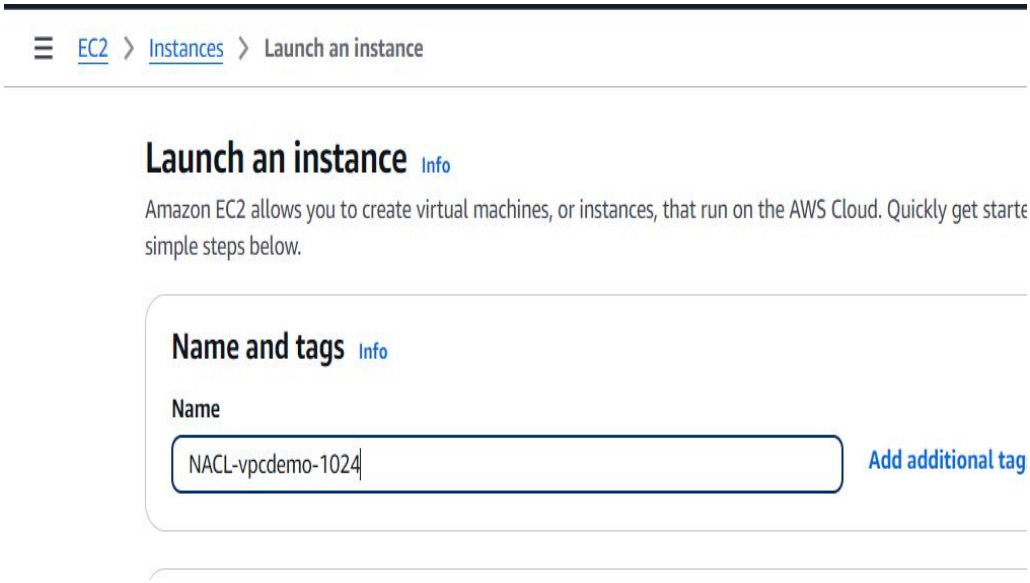
Now go to 'ROUTES'--> edit routes-->



Click on add route -> select – 0.0.0.0/0 and the ig that you created.



STEP5: Launch an instance



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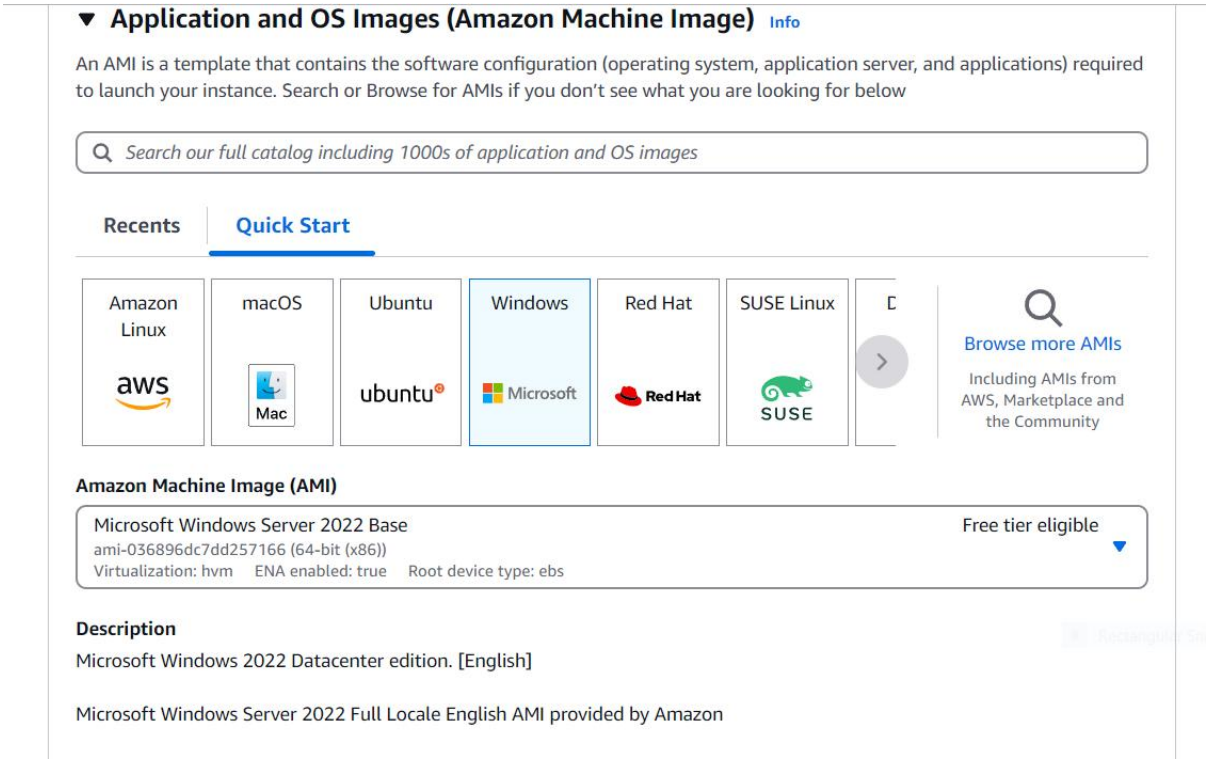

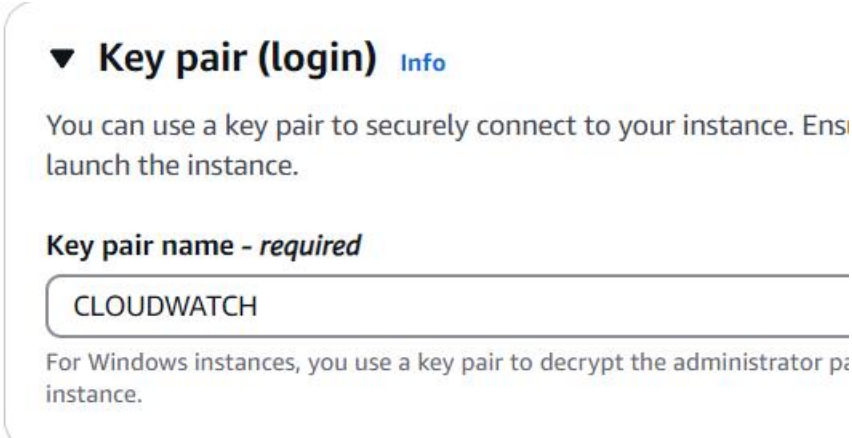

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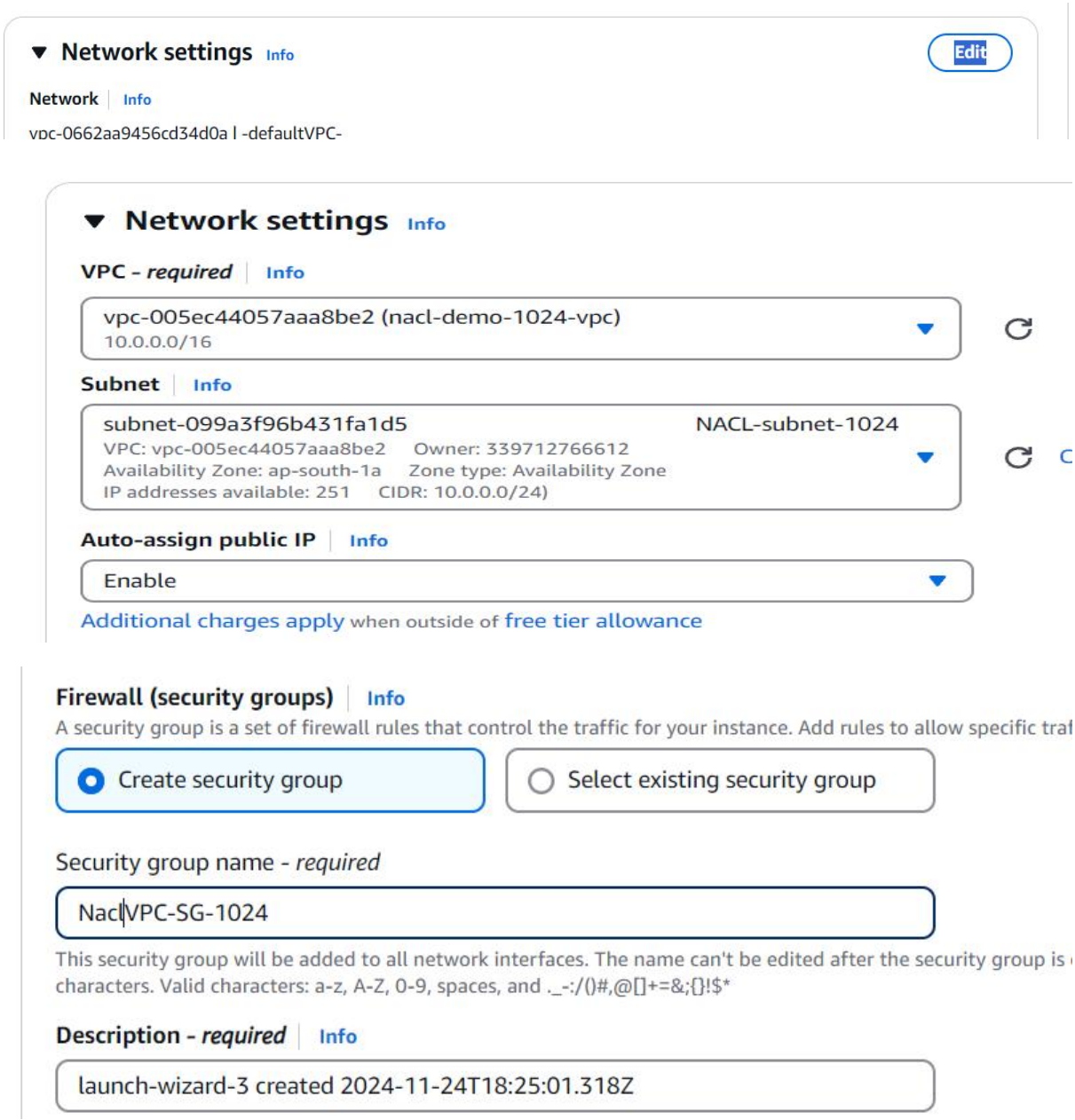
Edit network setting(attach your vpc)



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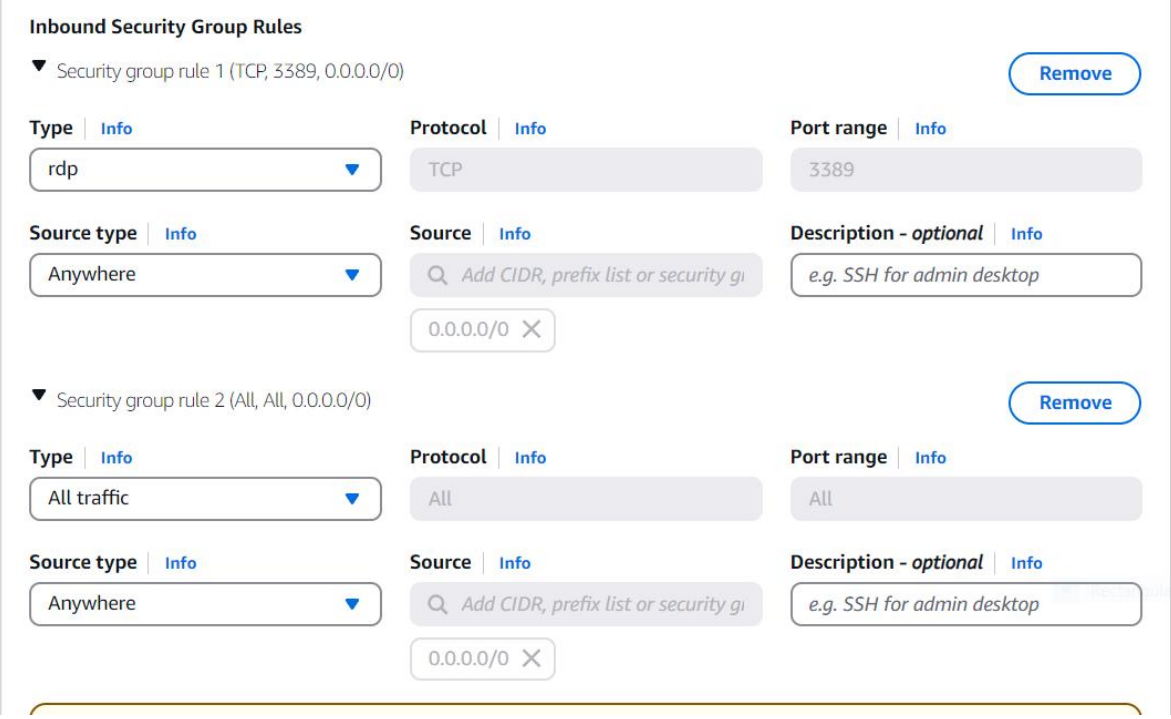
Rdp rule will be attached automatically if not ensure you add rdp rule also.



Launch instance

Once instance state is running -- connect your instance via RDP --Download the remote desktop file; and connect to it using the password (Make sure you decrypt the password using the key pair that you used in your instance).

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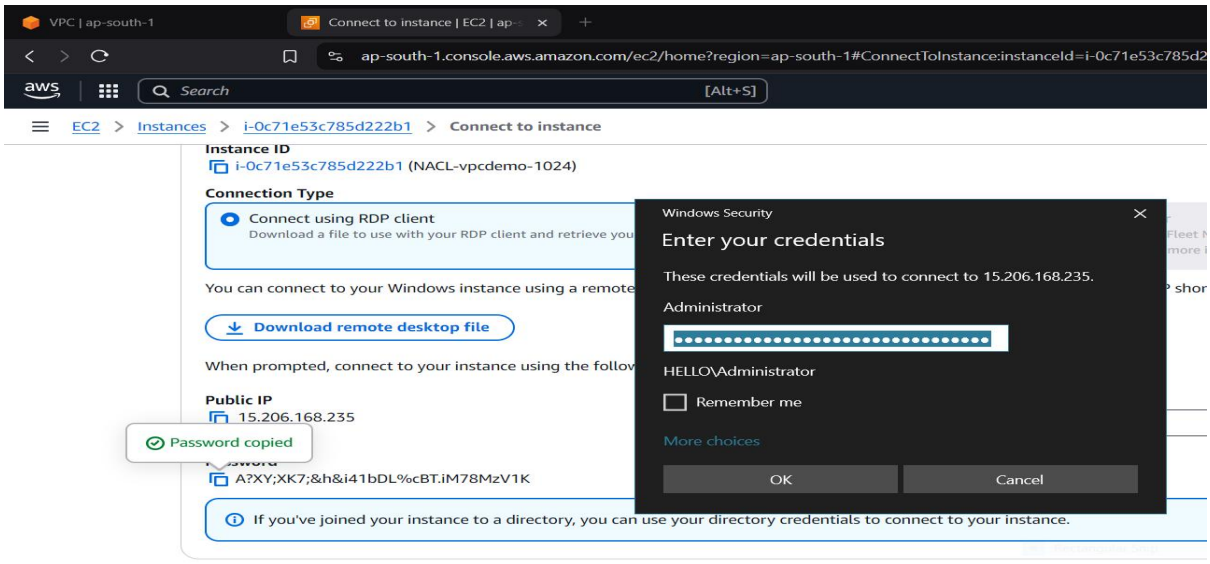
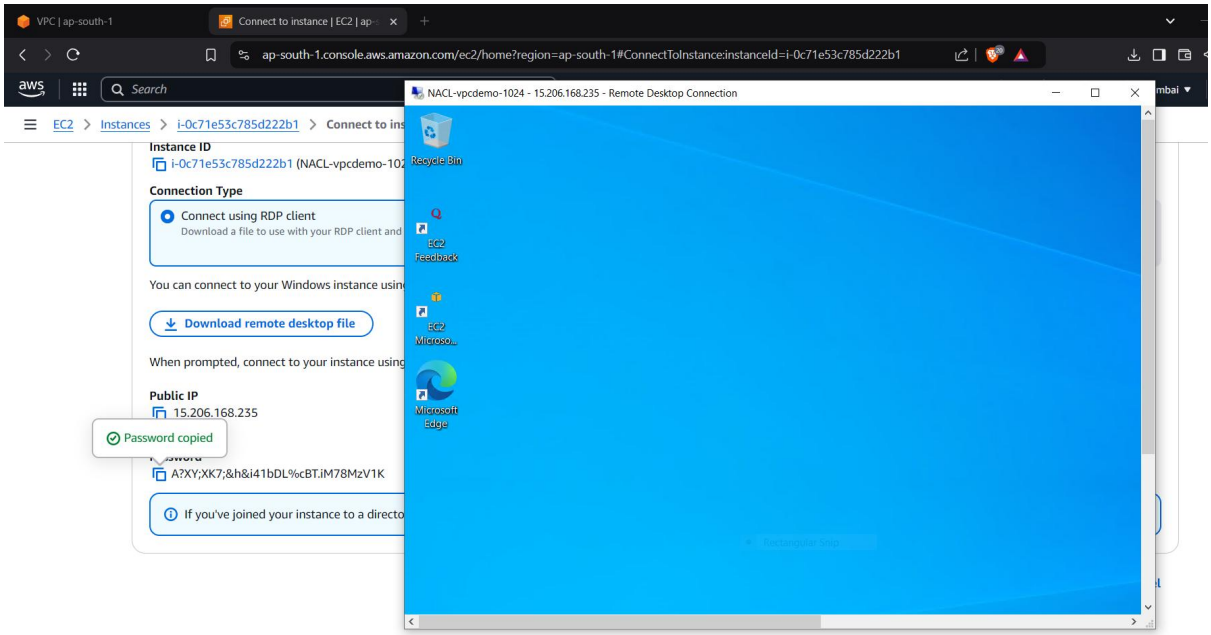


Remote desktop connection(e able to connect to your Windows machine)



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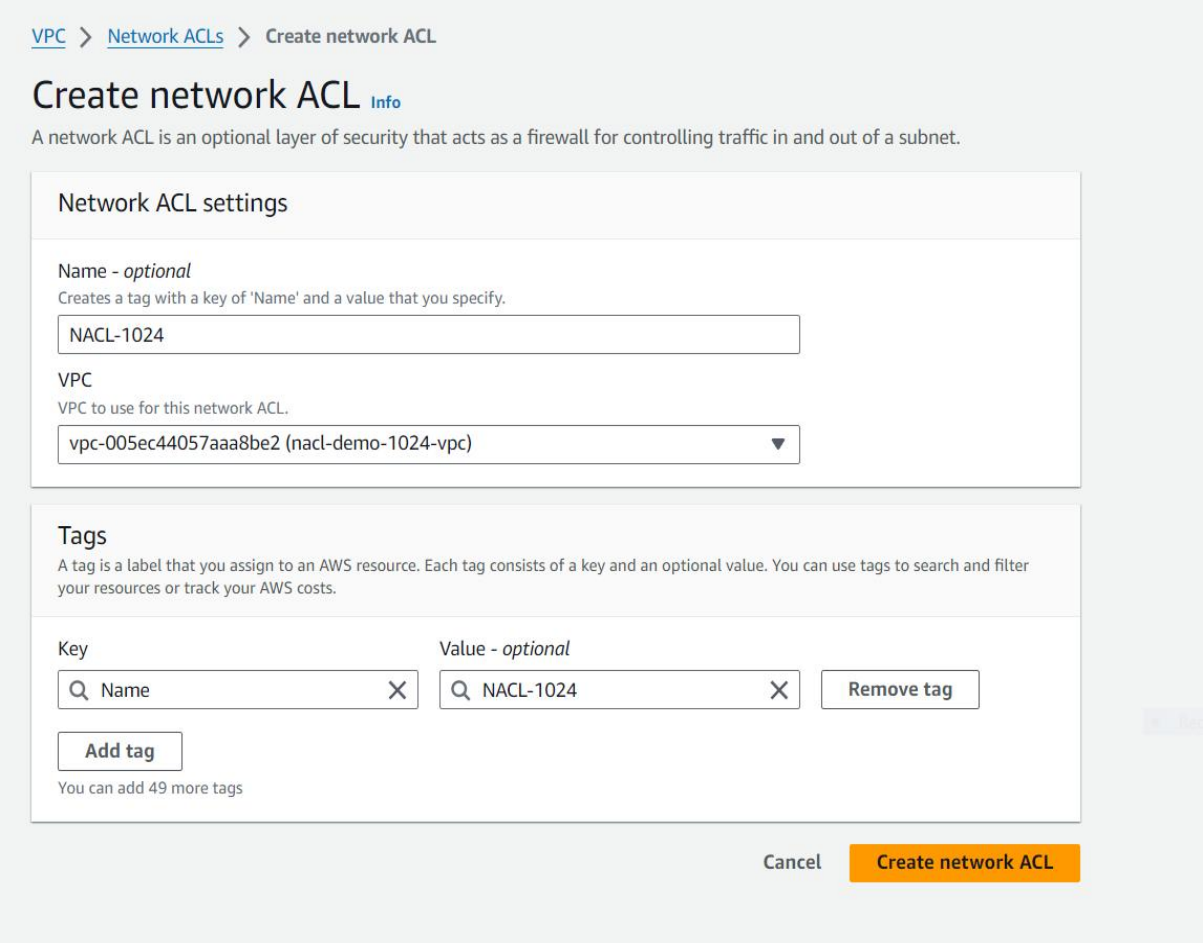
STEP6:– Create an NACL and edit the subnet association. After creating NACL you won't be able to connect to your windows machine since traffic inbound and outbound will be denied.



Add the following in outbound and inbound rules and save them.

--Rdp and custom tcp

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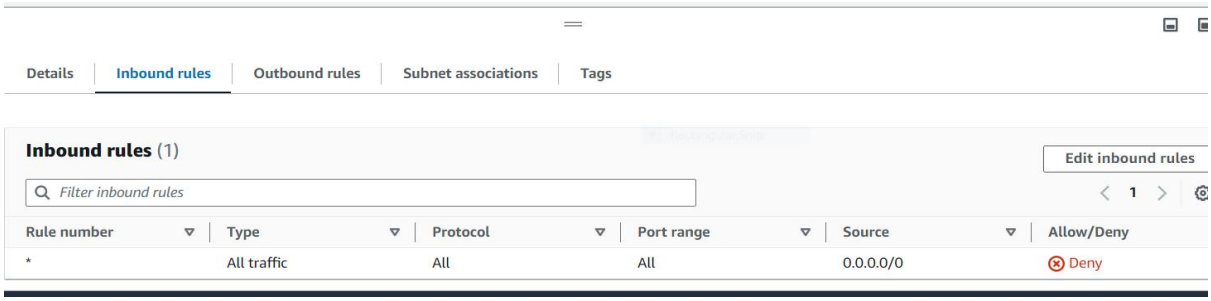
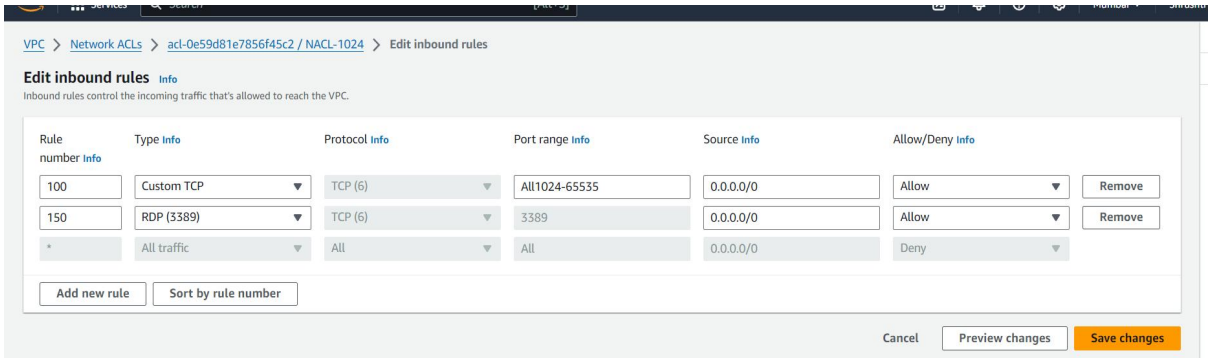
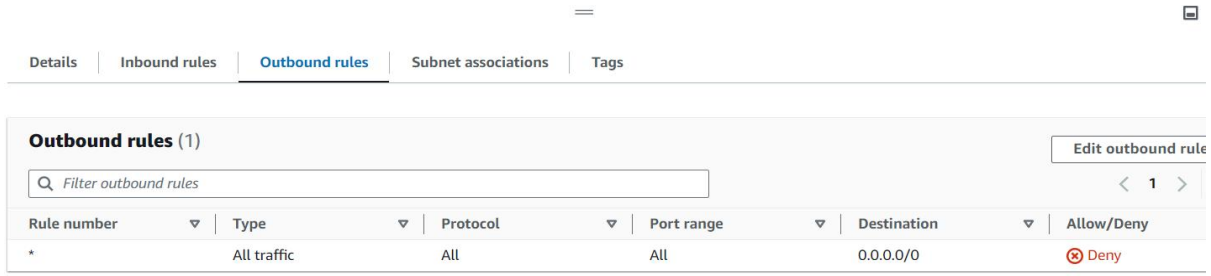
Inbound rule--





Outbound--



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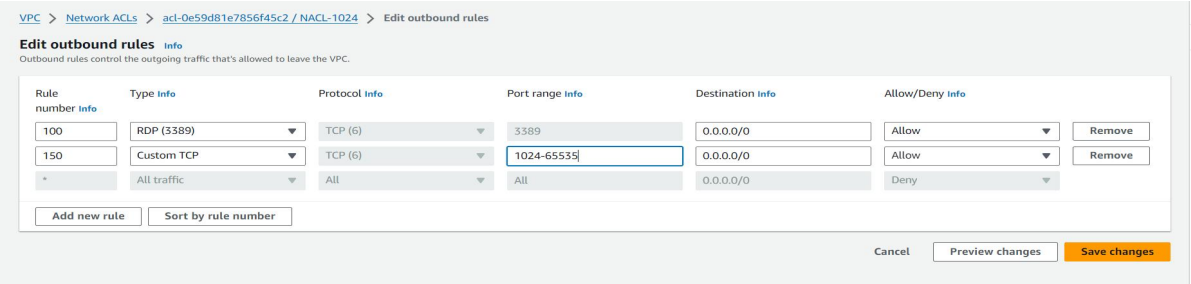
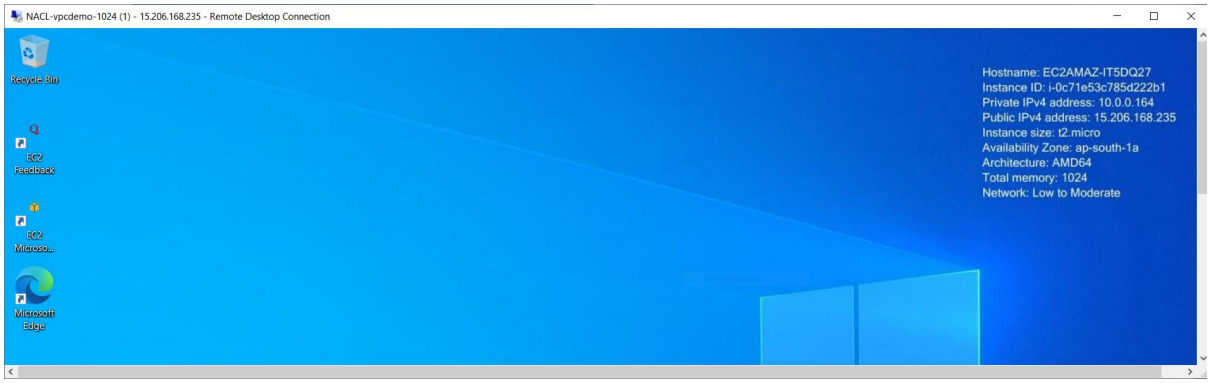


After that download the rdp file again and try connecting to your windows machine. Now you will be connected to your machine successfully.



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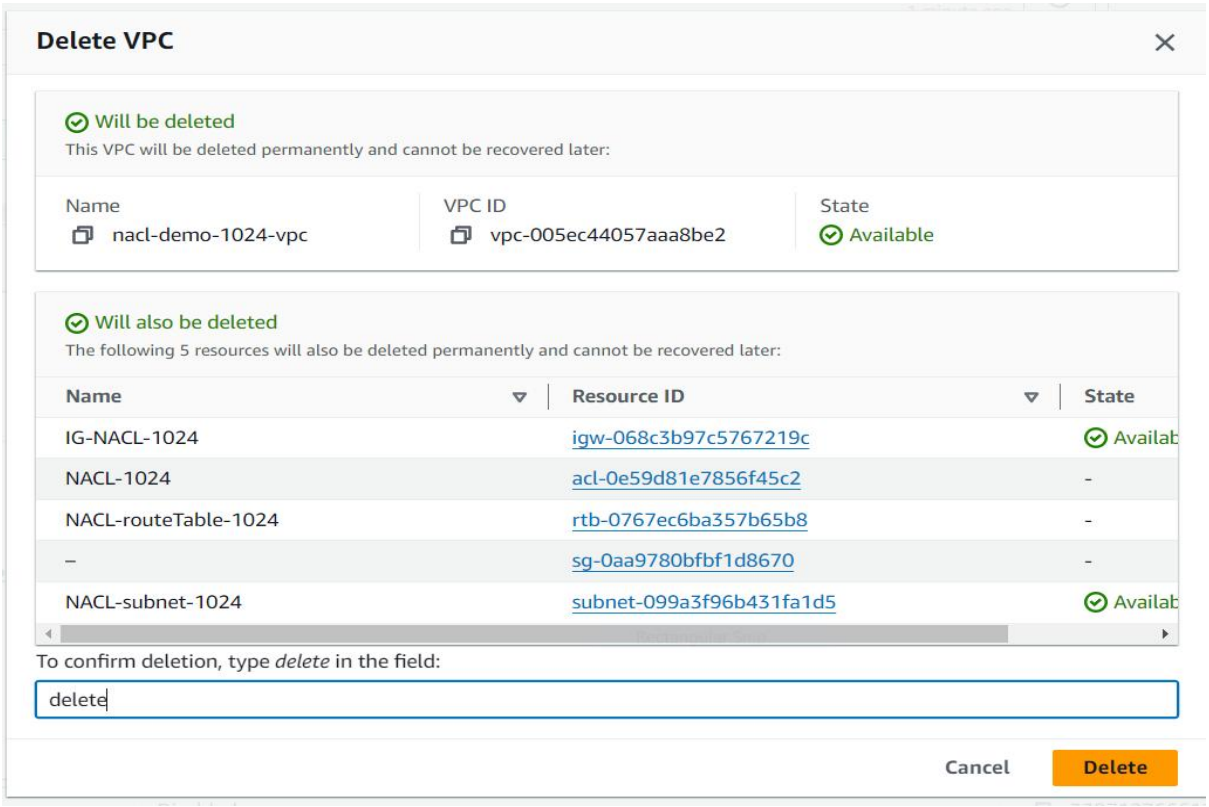

Done.