Instance is failed in private account)

Launch instance

using in firewall → Click on both Allow ssh traffic from and allow Https traffic from the Internet.

Click on Edit in Network settings

in VPC- required → ~~the~~ selected the VPC you have created.

In Auto- assign public IP → Enable

and Launch the instance

After creating an instance in status check → it should shows 2/2 checks passed & after it shows

Go to Connect and Connect it → it fails to connect

Go to VPC → route tables → Click on created route table.

in route → Edit ~~routes~~ → Add route → in Q → option

Click on 0.0.0.0/0 in destination and in target Q → Click on Intanet gateway and Click on Created gateway and save the Changes

Go to ~~subnet~~ route tables → Click on Created ~~subnet~~ route tables → Go to action → Click on Edit subnet associations and Click on save

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(Both in public and private)

Go to VPC → Create 1 VPC

Go to Subnet → Create 2 subnets as public & private.

Go to route table → Create 2 route table as public & private

Go to EC2 → Instance → Create 2 instance 1 → public → subnet public

In network settings → Auto-assign public IP should be Enable.

2 → Private → Auto- assign public IP should be disable
↳ subnet → private

Go to public instance and in the inbound rules → Add the rule → All traffic IPV4 anywhere.

↳ Go to internet gateway → Create one gateway → and click on that gateway → Go to action → Attach to VPC.

↳ later go to route tables click on public route tables
↳ Go to action → Click on Edit subnet associations
↳ Click on only public subnet and don't click on private. and save associations.

↳ Click on public ~~route~~ route table and Go to routes → Edit routes → Add rules → [P] → 0.0.0.0/0 and [P] → click on interget gateway and click on created gateway → save changes

↳ Go to EC2 → click on public instance → Connect → connect
• the page will be open → give an command called
↳ ping google.com after a minute stop that using ctrl-c

NAT → Network Access Transmission

Elastic IP allocation
It is unique IP It will not change

↳ Go to VPC → NAT Gateways → Name → subnet → public subnet connectivity type → public → Elastic IP allocation ID → click on allocate Elastic IP → atomatically IP allocation will allocate and click on create NAT gateways

↳ Go the connect on public instance and give a command
Vi → is Editor
↳ vi demo.pem
next type i → paste private key all keypair
Esc → button
:wq → Enter

↳ ls -l → it shows total 4

↳ chmod 400 demo.pem

↳ ls -l → it shows total 4

↳ Go to private instance → Connect → SSH client

→ copy the link which is in Example

→ paste in connect → Enter → ~~pre~~ enter yes

→ it opens the connect

→ Command → ping google.com

It will be not started → after giving permission in NAT it works.

↳ Go to route tables → click on action → Edit

~~root~~ subnet association → click on private subnet

→ save association

→ Click on that private route → click on routes

→ Edit routes → Add routes → 0.0.0.0/0

→ NAT gate way → click on Nat gateway that you have created → and save it

→ The ~~pre~~ transmission will work.