Security Group & Elastic ip EC2

**Go to the Ec2**

Select **security group**

Create **Security group**

Put **name** and **Disciption**

Edit **inbonded rule** ----inbond rule means andar anew ala traffic that means incoming traffic

Put **SSH** put ip is your pc ip

Search **my ip** now you see the **ip of your pc**

Put **http** put 0.0.0.0

Put **https** put 0.0.0.0 ---- this is **internet** ip

**Outbonded rule** ---- this rule means **outgoing traffic**

You put tag also what you want to tag you put it

Select **Create security group**

Go to **instance**

**Launch instance**

Put **name**

Put **key**

Now you see the **create security group** select this

Select **advance option**

Put the script on **user data** --- ye script ham isliye run krte hai q ki user direct run krna chaiye nginx

#!/bin/bash

sudo amazon-linux-extras install nginx1

sudo systemctl start nginx

sudo systemctl enable nginx

cd /usr/share/nginx/html

sudo wget https://www.free-css.com/assets/files/free-css-templates/download/page285/evonyee.zip

sudo unzip evonyee.zip

sudo mv evonyee\* ./evonyee

Select when you create a group

**Launch**

Now go to **ssh** on **gitbash**

Put **ip host** to the **chrome**

18.183.44.106/evonyee now you see the **page host** to the chrome

# Elastic IP

**Elastic Ip is used for it is stable ip that’s why we use**

If agr koi public agr hamri ip host kr rahi then system **rebot hone k bad ip change hoti hai** agr vo **change nhi honi chaiye** to fir ham **elastic ip** use krte hai

Go to **ec2**

Select **Elastic ip**

Select **allocate elastic Ip address**

**Allow**

Then go to **action**

Select **associate elastic ip address**

**Select instance ---- running instance**

Chose **ip address**

**Associate**

**Go to instance**

Now you see the **instance**

**Refresh** first then

Now you see the new Ip -- this is **elastic ip** now this ip is stable

Go to **ssh first**

Open **gitbash**

**Ssh with new ip**

Now host ip now you see the work ip is host