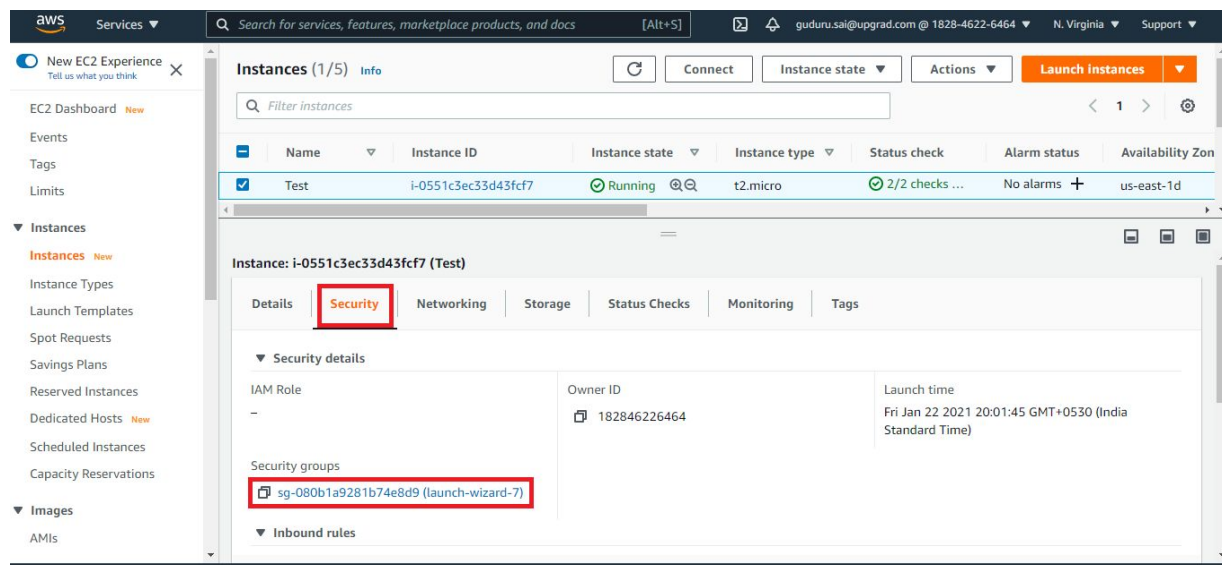


Editing Security Groups

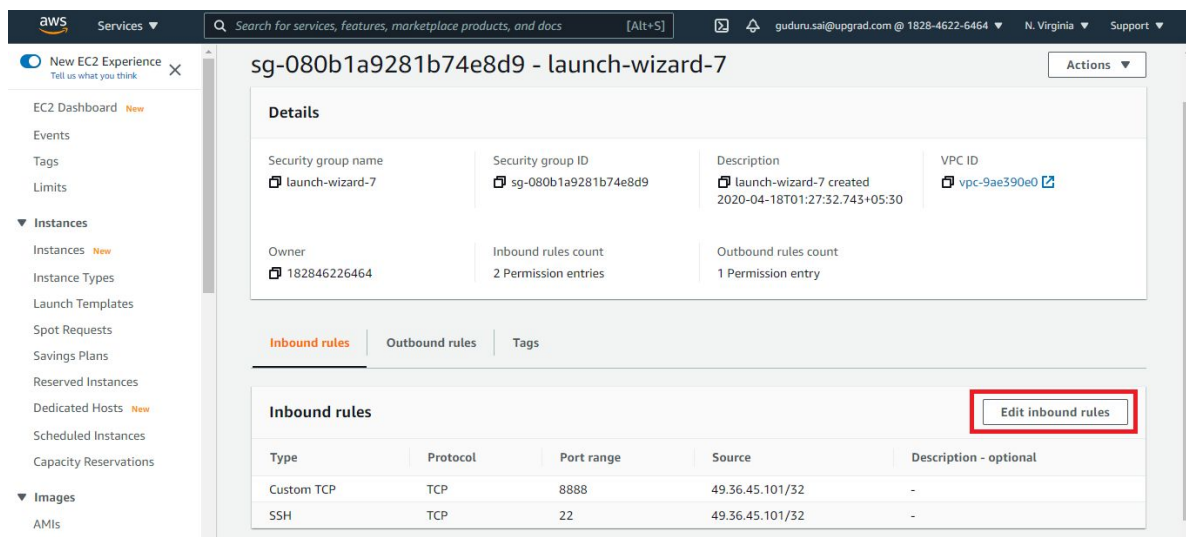
Before starting an EC2 instance, you must first edit the security group with the correct IP to allow your local machine to access the instance. To do so, follow the steps provided below.

1. Select the instance to get the details. You will find the security group details under the Security tab. There, click on the security group to open the required webpage.



The screenshot shows the AWS Management Console interface. On the left, the 'Instances' menu is expanded, and the 'Security' tab is selected for the instance 'Test' (ID: i-0551c3ec33d43fcf7). The 'Security details' section is visible, showing the 'Security groups' list with 'sg-080b1a9281b74e8d9 (launch-wizard-7)' highlighted. The 'Inbound rules' section is also visible below.

2. You will be taken to a new web page which lists the details of the security group associated with the instance. Click on "Edit inbound rules".



The screenshot shows the AWS Management Console interface for the security group 'sg-080b1a9281b74e8d9 - launch-wizard-7'. The 'Details' section is visible, showing the 'Security group name', 'Security group ID', 'Description', 'VPC ID', 'Owner', 'Inbound rules count', and 'Outbound rules count'. The 'Inbound rules' section is also visible, showing a table with columns: Type, Protocol, Port range, Source, and Description - optional. The 'Edit inbound rules' button is highlighted in the top right corner of the 'Inbound rules' section.



- You must select the correct port numbers (SSH - 22 and Jupyter - 8888 in our case) and select the option “My IP”. It automatically fetches the public IP of your system.

Inbound rules [Info](#)

Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
All TCP ▼	TCP	0 - 65535	My IP ▼ 202.173.127.19 8/32		Delete

Add rule

NOTE: Any edits made on existing rules will result in the edited rule being deleted and a new rule created with the new details. This will cause traffic that depends on that rule to be dropped for a very brief period of time until the new rule can be created.

Cancel Preview changes **Save rules**

You can add a description if required.

- Next, click on “Save rules” and your instance is now ready to connect to your local machine.

Remember that these steps have to be implemented every time you connect to instance after a few hours or change the network.
