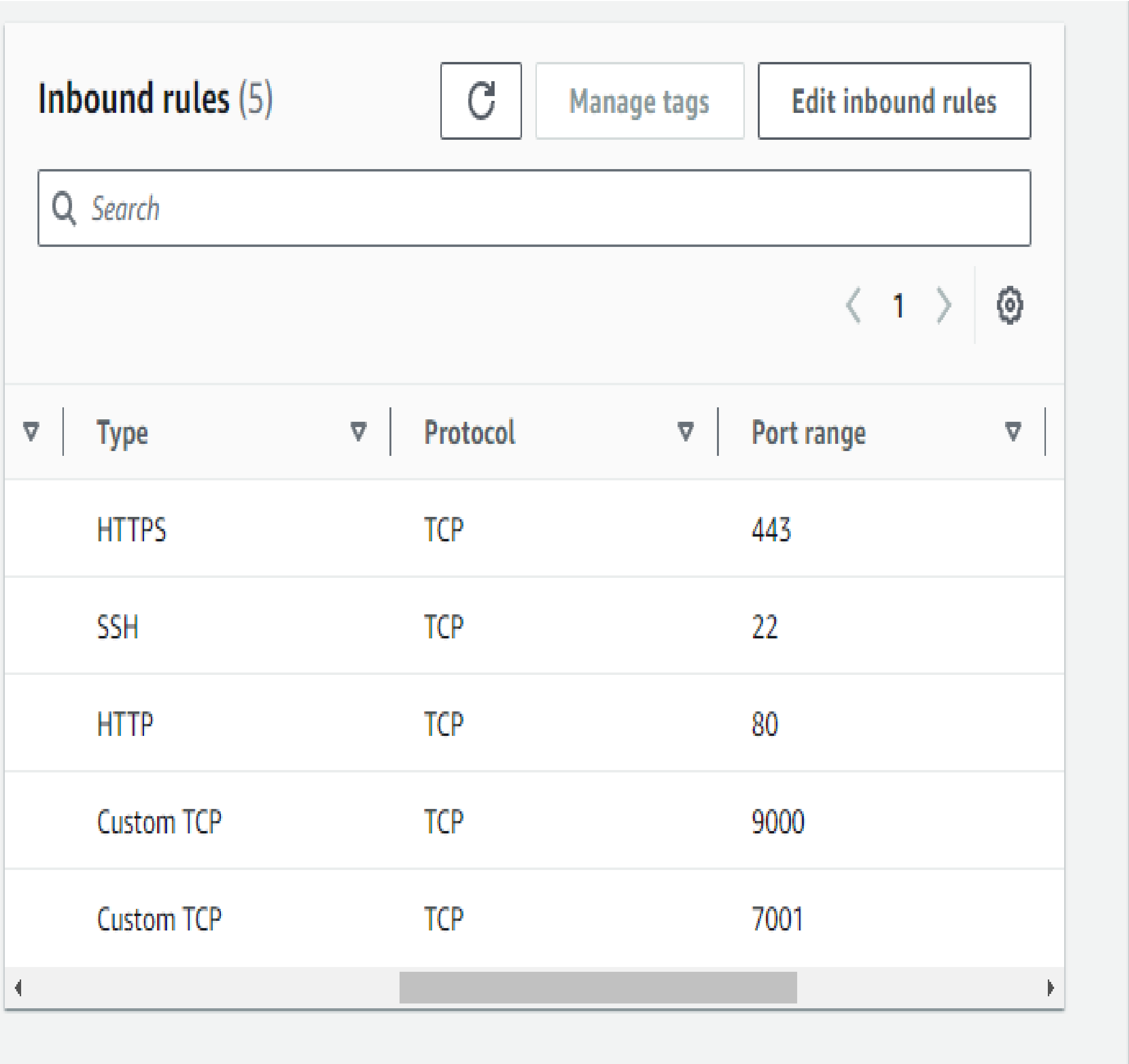
DEPLOY MEDUSA ON AWS USING EC2 INSTANCE

1. Launch an EC2 Instance with a server or OS you are familiar with and select an instance type that is t2.small a t2.micro is default instance type that has less RAM compared to the task that we are doing as it requires more.
2. Key Pair: Create a new key pair or use an existing one for SSH access if you are connecting using a local terminal.
3. Security Group: Allow inbound rules for: -
   - HTTP (80)
   - HTTPS (443)
   - Custom TCP Rule for port 7001 (Admin dashboard)
   - Custom TCP Rule for port 9000 (Medusa API)



Inbound rules (5)

Type	Protocol	Port range
HTTPS	TCP	443
SSH	TCP	22
HTTP	TCP	80
Custom TCP	TCP	9000
Custom TCP	TCP	7001

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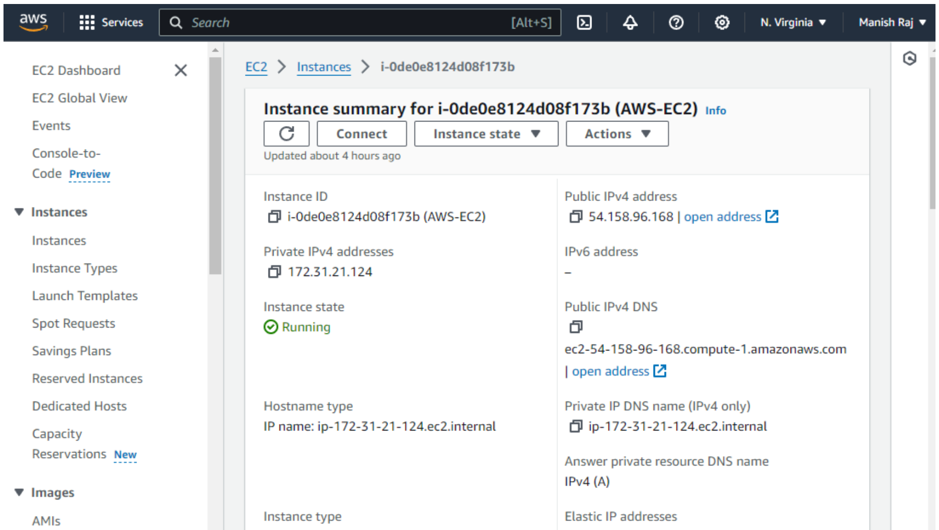
4. We are using EC2 Instance connect for this so connect to your AWS Terminal



Instance summary for i-0de0e8124d08f173b (AWS-EC2)

Updated about 4 hours ago

Instance ID: i-0de0e8124d08f173b (AWS-EC2)

Public IPv4 address: 54.158.96.168 | open address

Private IPv4 addresses: 172.31.21.124

IPv6 address: –

Instance state: Running

Public IPv4 DNS: ec2-54-158-96-168.compute-1.amazonaws.com | open address

Hostname type: IP name: ip-172-31-21-124.ec2.internal

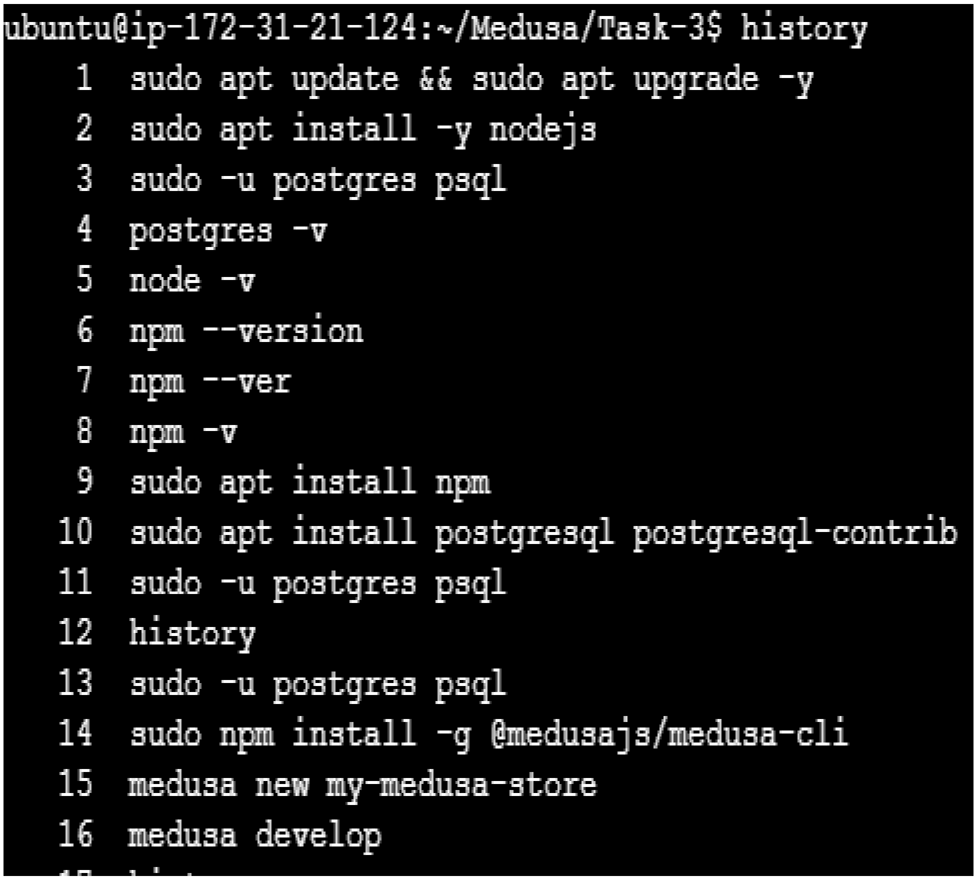
Private IP DNS name (IPv4 only): ip-172-31-21-124.ec2.internal

Answer private resource DNS name: IPv4 (A)

Instance type

Elastic IP addresses

5. Commands used to deploy medusa



```
ubuntu@ip-172-31-21-124:~/Medusa/Task-3$ history
    1  sudo apt update && sudo apt upgrade -y
    2  sudo apt install -y nodejs
    3  sudo -u postgres psql
    4  postgres -v
    5  node -v
    6  npm --version
    7  npm --ver
    8  npm -v
    9  sudo apt install npm
   10  sudo apt install postgresql postgresql-contrib
   11  sudo -u postgres psql
   12  history
   13  sudo -u postgres psql
   14  sudo npm install -g @medusajs/medusa-cli
   15  medusa new my-medusa-store
   16  medusa develop
```

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6. Verify Medusa is Running Locally From your EC2 instance, use `curl` to test the Medusa API: curl http://localhost:9000/store/products

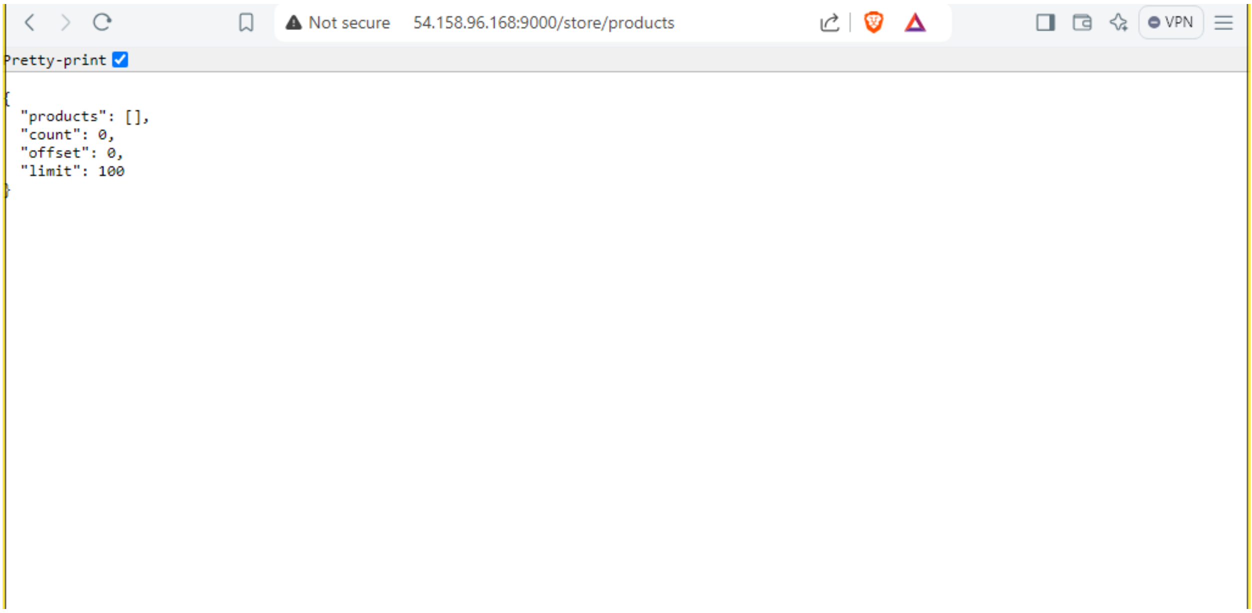
   You should get a JSON response like:

```
{
  "products": [],
  "count": 0,
  "offset": 0,
  "limit": 100
}
```

   This confirms the Medusa API is working.

   You have successfully deployed Medusa on an AWS EC2 instance.

   You tested the Medusa server locally with `curl` and configured the EC2 instance to allow external access to both the API and the Admin Dashboard.



Pretty-print ☑

```
{
  "products": [],
  "count": 0,
  "offset": 0,
  "limit": 100
}
```