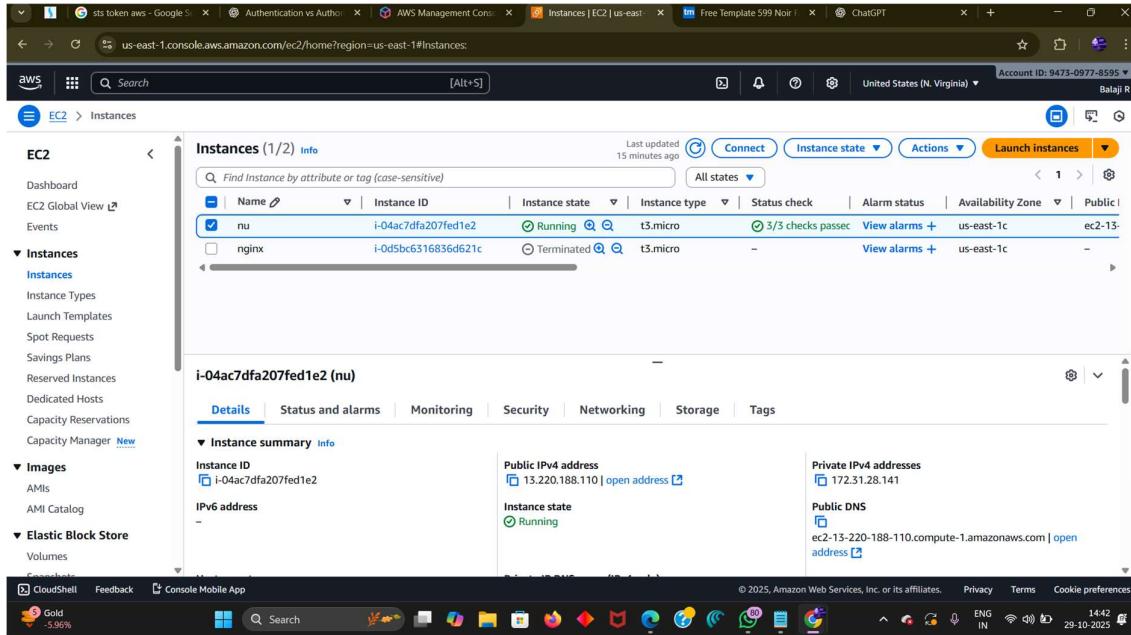


Task 21 - customized web hosting in nginx web server and change the port number

First launch one linux instance and install nginx...

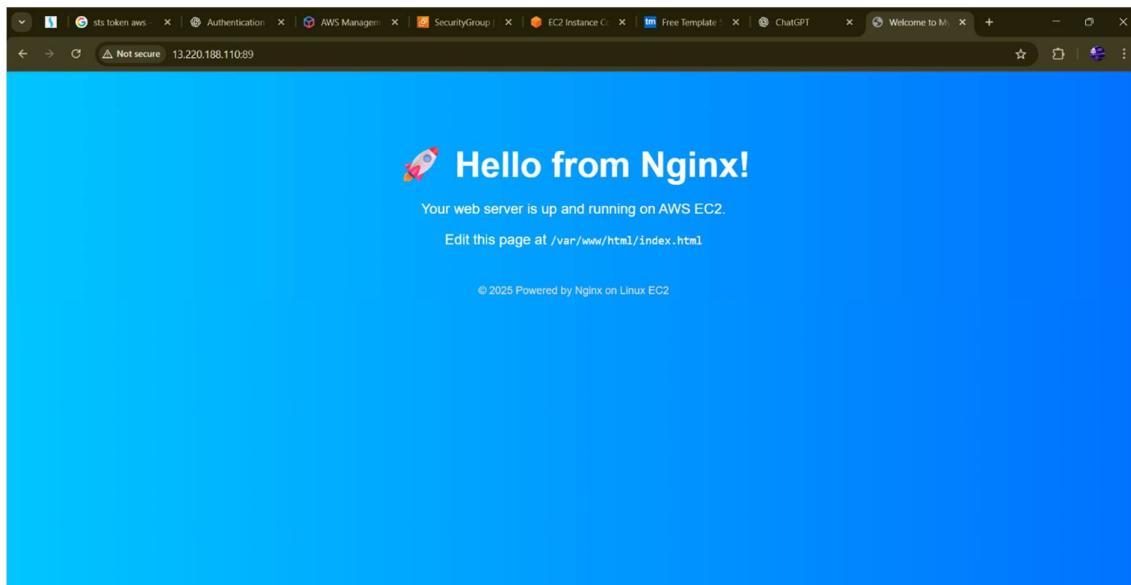


The screenshot shows the AWS Management Console interface for the EC2 service. On the left, there's a navigation sidebar with options like Dashboard, EC2 Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Capacity Manager, Images (AMIs, AMI Catalog), and Elastic Block Store (Volumes). The main content area displays a table of instances. The first instance, 'nu', has a green 'Running' status and a t3.micro type. Its Public IPv4 address is listed as 13.220.188.110, which is marked as 'open'. The second instance, 'nginx', is listed as 'Terminated'. At the bottom of the page, there are tabs for Details, Status and alarms, Monitoring, Security, Networking, Storage, and Tags. The browser taskbar at the bottom shows various open tabs, including 'sts token aws - Google Slides', 'Authentication vs Authoriz...', 'AWS Management Con...', 'Instances | EC2 | us-east...', 'Free Template 599 Noir | ChatGPT', and 'Welcome to M...'. The system tray shows battery level (5.96%), signal strength, and the date/time (29-10-2025).

And start the nginx and type the command nano /usr/share/nginx/html/index.html

And remove the html code and paste the customize code after that change portnumber in nginx command is nano /etc/nginx/nginx.conf restart the nginx and you see the output

```
[root@ip-172-31-28-141 ec2-user]# nano /usr/share/nginx/html/index.html
[root@ip-172-31-28-141 ec2-user]# nano /etc/nginx/nginx.conf
```



The screenshot shows a web browser window displaying a custom Nginx landing page. The URL in the address bar is '13.220.188.110:89'. The page itself features a blue background with white text. At the top center is the Nginx logo (a stylized red rocket ship) followed by the text 'Hello from Nginx!'. Below this, it says 'Your web server is up and running on AWS EC2.' There is a link 'Edit this page at /var/www/html/index.html'. At the bottom, it includes a copyright notice: '© 2025 Powered by Nginx on Linux EC2'.

I tried web hosting in nginx

Again I launched new instance and install nginx and start nginx and I used wget command to download the html zip folder and I unzip the folder

```
Complete!
[root@ip-172-31-25-118 ec2-user]# systemctl start nginx
[root@ip-172-31-25-118 ec2-user]# systemctl enable nginx
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.
[root@ip-172-31-25-118 ec2-user]# wget -S --content-disposition https://templatemo.com/download/templatemo_599_noir_fashion
--2025-10-29 09:40:45-- https://templatemo.com/download/templatemo_599_noir_fashion
Resolving templatemo.com (templatemo.com)... 72.52.176.250
Connecting to templatemo.com (templatemo.com)|72.52.176.250|:443... connected.
HTTP request sent, awaiting response...
HTTP/1.1 302 Moved Temporarily
Date: Wed, 29 Oct 2025 09:40:45 GMT
Server: Apache/2.4.64 (CentOS)
X-Powered-By: PHP/5.4.16
Upgrade: h2
Connection: keep-alive, close
[root@ip-172-31-25-118 ec2-user]# unzip templatemo_599_noir_fashion.zip
Archive: templatemo_599_noir_fashion.zip
  creating: templatemo_599_noir_fashion/
  creating: templatemo_599_noir_fashion/images/
  inflating: templatemo_599_noir_fashion/images/accent-pieces.avif
  inflating: templatemo_599_noir_fashion/images/art-of-fashion-01.avif
  inflating: templatemo_599_noir_fashion/images/art-of-fashion-02.avif
  inflating: templatemo_599_noir_fashion/images/art-of-fashion-03.avif
  inflating: templatemo_599_noir_fashion/images/avant-garde.avif
  inflating: templatemo_599_noir_fashion/images/midnight-luxe.avif
  inflating: templatemo_599_noir_fashion/images/minimal-chic.avif
```

And I removed the default nginx html file for that the command is rm -rf
/usr/share/nginx/html/*

Now I moved my downloaded file to command is mv mv templatemo_599_noir_fashion/*
/usr/share/nginx/html/ and restart the nginx u see the output with the public ip

```
[root@ip-172-31-25-118 ec2-user]# rm -rf /usr/share/nginx/html/*
[root@ip-172-31-25-118 ec2-user]# mv templatemo_599_noir_fashion/* /usr/share/nginx/html/
[root@ip-172-31-25-118 ec2-user]# systemctl restart nginx
[root@ip-172-31-25-118 ec2-user]# [ ]
```

i-0b207eff96458c193 (ng)

PublicIPs: 52.201.214.249 PrivateIPs: 172.31.25.118

