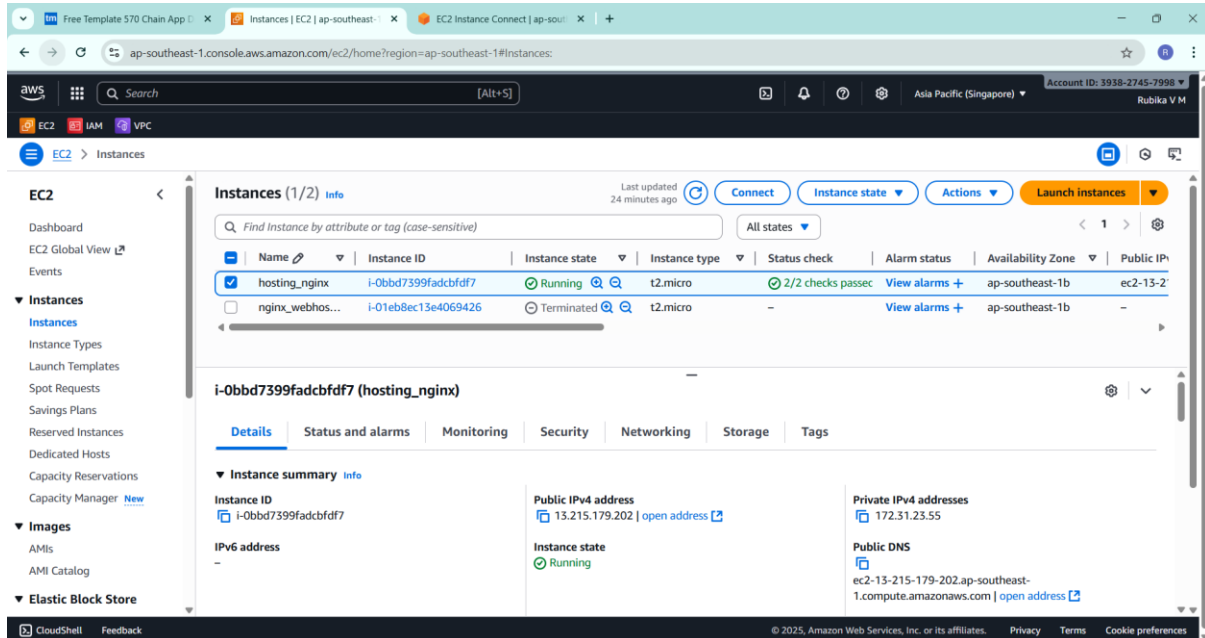


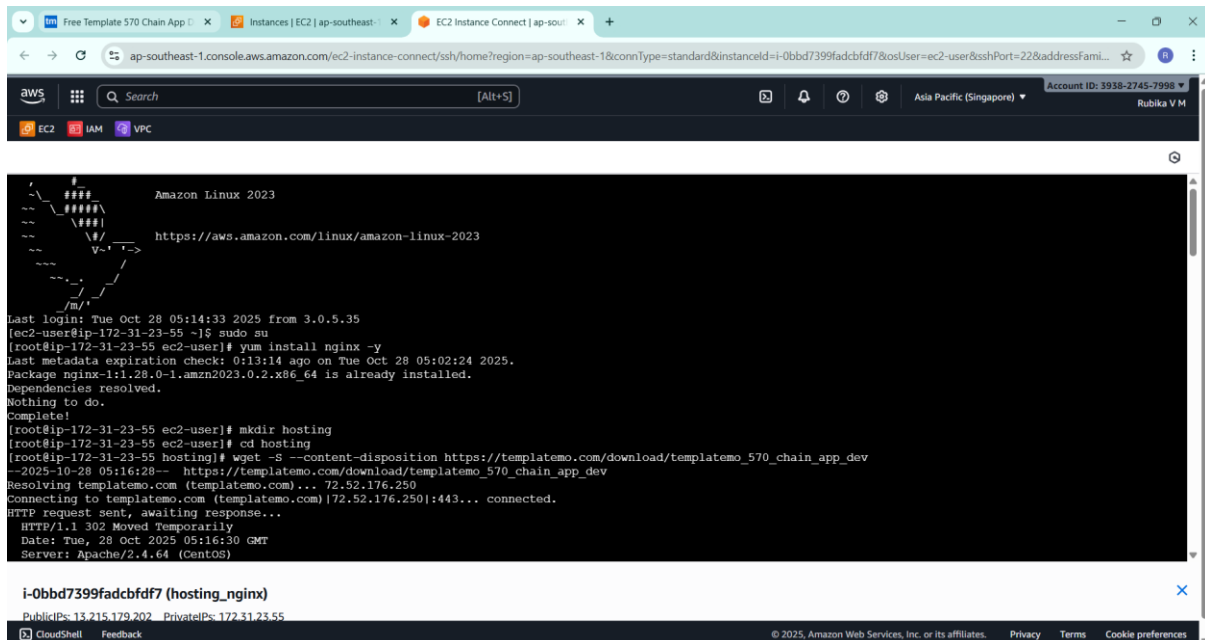
# TASK - 21

## Nginx Customized web hosting

### Creation of instance



### Installing packages and customizing



```
Expires: Wed, 29 Oct 2025 05:16:31 GMT
Content-Type: application/zip
Length: 1442262 (1.4M) [application/zip]
Saving to: 'templatemo_570_chain_app_dev.zip'

templatemo_570_chain_app_dev.zip      100%[=====] 1.38M  284KB/s  in 5.1s

2025-10-28 05:16:36 (274 KB/s) - 'templatemo_570_chain_app_dev.zip' saved [1442262/1442262]

[root@ip-172-31-23-55 hosting]# unzip templatemo_570_chain_app_dev.zip
Archive:  templatemo_570_chain_app_dev.zip
  creating: templatemo_570_chain_app_dev/
  creating: templatemo_570_chain_app_dev/assets/
  creating: templatemo_570_chain_app_dev/assets/css/
  inflating: templatemo_570_chain_app_dev/assets/css/animated.css
  inflating: templatemo_570_chain_app_dev/assets/css/fontawesome.css
  inflating: templatemo_570_chain_app_dev/assets/css/owl.css
  inflating: templatemo_570_chain_app_dev/assets/css/templatemo-chain-app-dev.css
  creating: templatemo_570_chain_app_dev/assets/fonts/
  inflating: templatemo_570_chain_app_dev/assets/fonts/FlatIcon.woff
  inflating: templatemo_570_chain_app_dev/assets/fonts/flexslider-icon.eot
  inflating: templatemo_570_chain_app_dev/assets/fonts/flexslider-icon.svg
  inflating: templatemo_570_chain_app_dev/assets/fonts/flexslider-icon.ttf
  inflating: templatemo_570_chain_app_dev/assets/fonts/flexslider-icon.woff
  inflating: templatemo_570_chain_app_dev/assets/fonts/fontawesome-webfont.eot
  inflating: templatemo_570_chain_app_dev/assets/fonts/fontawesome-webfont.svg
  inflating: templatemo_570_chain_app_dev/assets/fonts/fontawesome-webfont.ttf
  inflating: templatemo_570_chain_app_dev/assets/fonts/fontawesome-webfont.woff
```

i-0bbd7399fadcbfd7 (hosting.nginx)

PublicIPs: 13.215.179.202 PrivateIPs: 172.31.23.55

CloudShell Feedback

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```
inflating: templatemo_570_chain_app_dev/index.html
  creating: templatemo_570_chain_app_dev/vendor/
  creating: templatemo_570_chain_app_dev/vendor/bootstrap/
  creating: templatemo_570_chain_app_dev/vendor/bootstrap/css/
  inflating: templatemo_570_chain_app_dev/vendor/bootstrap/css/bootstrap.min.css
  inflating: templatemo_570_chain_app_dev/vendor/bootstrap/css/bootstrap.min.css.map
  creating: templatemo_570_chain_app_dev/vendor/bootstrap/js/
  inflating: templatemo_570_chain_app_dev/vendor/bootstrap/js/bootstrap.bundle.min.js
  inflating: templatemo_570_chain_app_dev/vendor/bootstrap/js/bootstrap.bundle.min.js.map
  inflating: templatemo_570_chain_app_dev/vendor/bootstrap/js/bootstrap.min.js
  creating: templatemo_570_chain_app_dev/vendor/jquery/
  inflating: templatemo_570_chain_app_dev/vendor/jquery/jquery.js
  inflating: templatemo_570_chain_app_dev/vendor/jquery/jquery.min.js
  inflating: templatemo_570_chain_app_dev/vendor/jquery/jquery.min.map
  inflating: templatemo_570_chain_app_dev/vendor/jquery/jquery.slim.js
  inflating: templatemo_570_chain_app_dev/vendor/jquery/jquery.slim.min.js
  inflating: templatemo_570_chain_app_dev/vendor/jquery/jquery.slim.min.map
[root@ip-172-31-23-55 hosting]# ls
templatemo_570_chain_app_dev  templatemo_570_chain_app_dev.zip
[root@ip-172-31-23-55 hosting]# cd templatemo_570_chain_app_dev
[root@ip-172-31-23-55 templatemo_570_chain_app_dev]# /usr/share/nginx/html/index.html
bash: /usr/share/nginx/html/index.html: Permission denied
[root@ip-172-31-23-55 templatemo_570_chain_app_dev]# sudo mv * /usr/share/nginx/html/
[root@ip-172-31-23-55 templatemo_570_chain_app_dev]# cd /usr/share/nginx/html/
[root@ip-172-31-23-55 html]# pwd
/usr/share/nginx/html
[root@ip-172-31-23-55 html]#
```

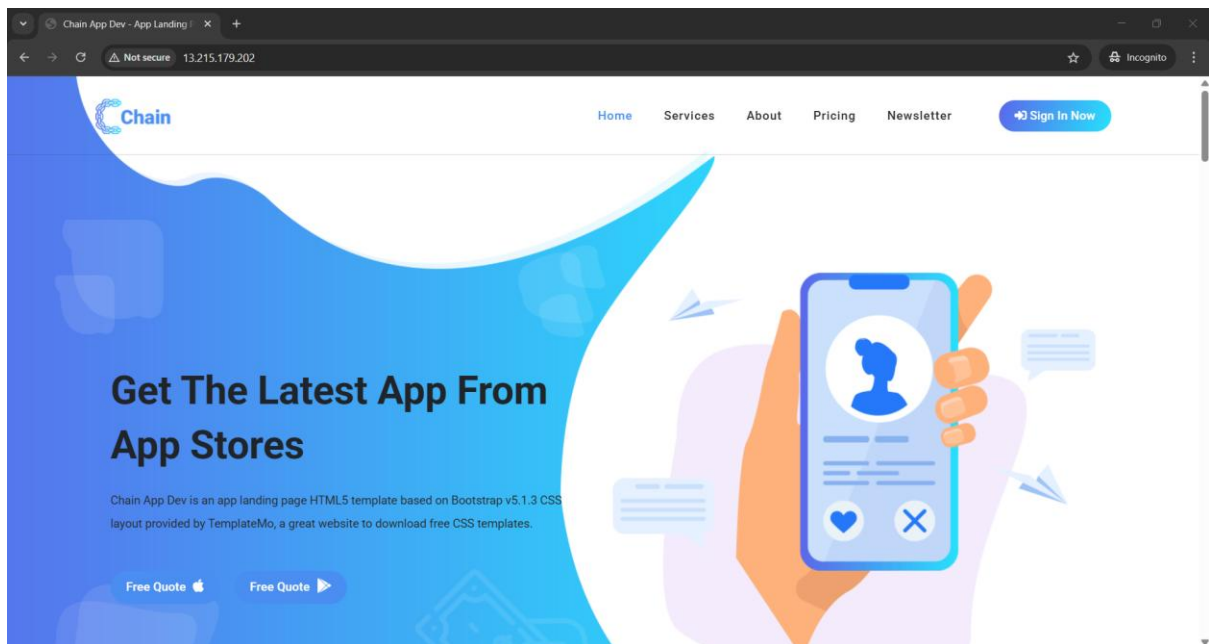
i-0bbd7399fadcbfd7 (hosting.nginx)

PublicIPs: 13.215.179.202 PrivateIPs: 172.31.23.55

CloudShell Feedback

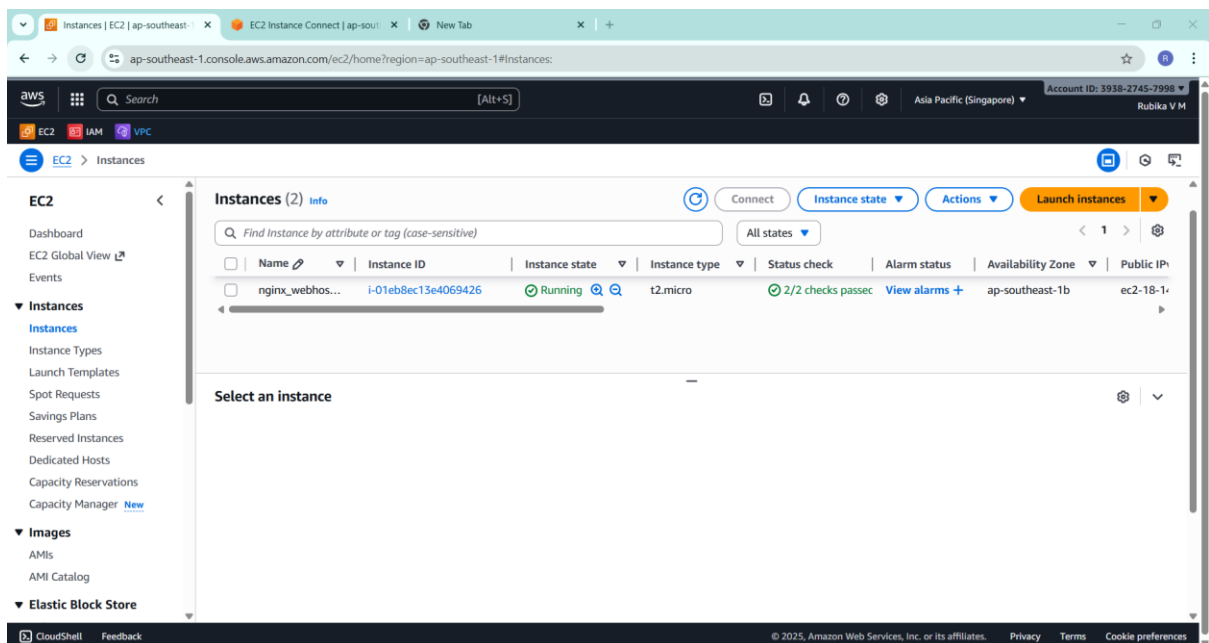
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## Outcome



## Changing the port number of nginx

### Creation of instance



# Changing port number of nginx from 80 to 84

Instances | EC2 | ap-southeast-1 | EC2 Instance Connect | ap-southeast-1 | New Tab

ap-southeast-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-southeast-1&connType=standard&instanceId=i-01eb8ec13e4069426&osUser=ec2-user&sshPort=22&addressFa...

aws

EC2 IAM VPC

Search [Alt+S]

Asia Pacific (Singapore)

Account ID: 3938-2745-2998

Rubika VM

```
[root@ip-172-31-22-168 ec2-user]# yum install nginx -y
Last metadata expiration check: 0:00:59 ago on Tue Oct 28 04:48:21 2025.
Dependencies resolved.

Package Architecture Version Repository Size
Installing:
nginx x86_64 1:1.28.0-1.amzn2023.0.2 amazonlinux 33 k
Installing dependencies:
generic-logos-httpd noarch 18.0.0-12.amzn2023.0.3 amazonlinux 19 k
gperftools-libs x86_64 2.9.1-1.amzn2023.0.3 amazonlinux 308 k
libunwind x86_64 1.4.0-5.amzn2023.0.3 amazonlinux 66 k
nginx-core x86_64 1:1.28.0-1.amzn2023.0.2 amazonlinux 686 k
nginxfilesystem noarch 1:1.28.0-1.amzn2023.0.2 amazonlinux 9.6 k
nginx-almatypes noarch 2.1.49-3.amzn2023.0.3 amazonlinux 21 k

Transaction Summary
-----
Install 7 Packages

Total download size: 1.1 M
Installed size: 3.7 M
Downloading Packages:
(1/7): generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch.rpm 545 kB/s | 19 kB 00:00
(2/7): libunwind-1.4.0-5.amzn2023.0.3.x86_64.rpm 1.7 MB/s | 66 kB 00:00
(3/7): gperftools-libs-2.9.1-1.amzn2023.0.3.x86_64.rpm 6.6 MB/s | 308 kB 00:00
(4/7): nginx-1.28.0-1.amzn2023.0.2.x86_64.rpm 1.6 MB/s | 33 kB 00:00
(5/7): nginx-core-1.28.0-1.amzn2023.0.2.x86_64.rpm 21 MB/s | 686 kB 00:00

i-01eb8ec13e4069426 (nginx_webhosting)
PublicIPs: 18.141.183.96 PrivateIPs: 172.31.22.168
CloudShell Feedback
```

SecurityGroup | EC2 | ap-southeast-1 | EC2 Instance Connect | ap-southeast-1 | New Tab

ap-southeast-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-southeast-1&connType=standard&instanceId=i-01eb8ec13e4069426&osUser=ec2-user&sshPort=22&addressFa...

aws

EC2 IAM VPC

Search [Alt+S]

Asia Pacific (Singapore)

Account ID: 3938-2745-2998

Rubika VM

```

  ____  _
 / ___|| | | |
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Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023

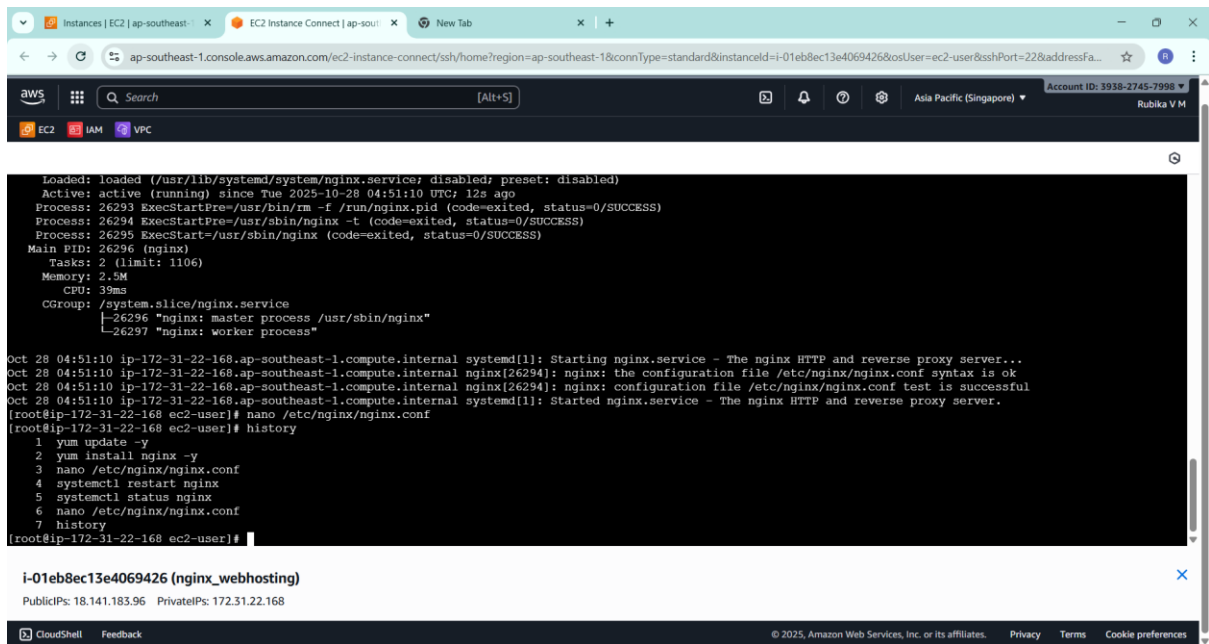
[ec2-user@ip-172-31-22-168 ~]$ sudo su
[root@ip-172-31-22-168 ec2-user]# yum update -y
Amazon Linux 2023 Kernel Livepatch repository 265 kB/s | 28 kB 00:00

WARNING:
A newer release of "Amazon Linux" is available.

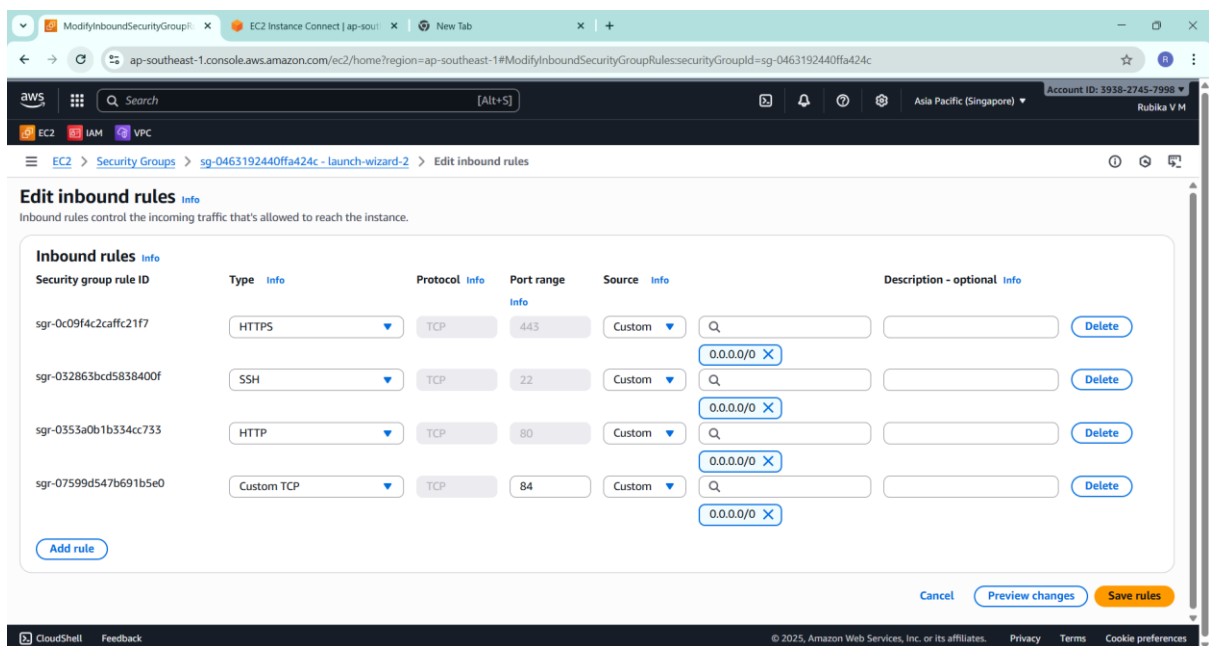
Available Versions:
Version 2023.9.20251027:
Run the following command to upgrade to 2023.9.20251027:
dnf upgrade --releasever=2023.9.20251027

Release notes:
https://docs.aws.amazon.com/linux/al2023/release-notes/relnotes-2023.9.20251027.html

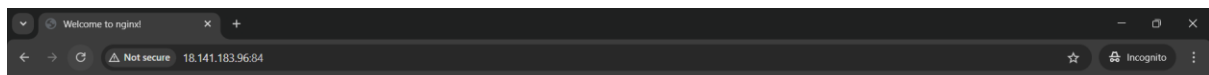
i-01eb8ec13e4069426 (nginx_webhosting)
PublicIPs: 18.141.183.96 PrivateIPs: 172.31.22.168
CloudShell Feedback
```



## Edit the inbound rules by adding changed port number



## Outcome



### Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](https://nginx.org).  
Commercial support is available at [nginx.com](https://nginx.com).

*Thank you for using nginx.*