Assignment - 12

Problem Statement – Deploy and run a project in AWS without using port.

Log in to your AWS account and go to EC2, then launch an instance and copy the IPv4.



Open Bitvise SSH Client and log in with that IP address.



- Open New Terminal Console and type the following command.
 - > cd /
 - cd /etc/nginx/sites-available
 - > sudo nano default

```
System information as of Mon May 1 14:55:41 UTC 2023

System load: 1.19384765625 Processes: 123
Usage of /: 22.9% of 7.5768 Users logged in: 0
Memory usage: 28% IPv4 address for eth0: 172.31.38.28
Swap usage: 6%

Expanded Security Maintenance for Applications is not enabled.

44 updates can be applied immediately.
23 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.

ubuntu@ip-172-31-38-28:<$ cd / etc//nginx/sites-available $ sudo nano default
```

Assignment – 12

<u>Problem Statement – Deploy and run a project in AWS without using port.</u>

Paste the following code in location section –

```
### Self signed certs generated by the ssl-cert package
## bon't use them in a production server!
## include snippets/snakeoil.conf;

root /var/www/html;
# Add index.php to the list if you are using PHP index index.html index.htm index.nginx-debian.html;

server_name _;
#location / {
# First attempt to serve request as file, then
# as directory, then fall back to displaying a 404.
#try_files Suri Suri/ =404;
#}

location / {
proxy_pass http://localhost:4000;
proxy_best_header Upgrade Shttp_upgrade;
proxy_set_header Upgrade Shttp_upgrade;
}

# pass PHP scripts to FastCGI server
#

## pass PHP scripts to FastCGI server
## CE Help
## Read File ## Neplace ## Paste ## 20 Justify ## 60 To Line ## Read
## Read File ## Neplace ## 20 Justify ## 60 To Line ## Read
```

sudo systemctl restart nginx

```
ubuntu@ip-172-31-35-3:~$ cd /
ubuntu@ip-172-31-35-3:/$ cd /etc/nginx/sites-available/
ubuntu@ip-172-31-35-3:/etc/nginx/sites-available$ sudo nano default
ubuntu@ip-172-31-35-3:/etc/nginx/sites-available$ sudo nano default
ubuntu@ip-172-31-35-3:/etc/nginx/sites-available$ sudo systemctl restart nginx
ubuntu@ip-172-31-35-3:/etc/nginx/sites-available$
```

• Now go to a new tab and paste the IPv4 that you copied previously. You will see that the server will run properly without giving any port no., which was not happening previously. We have to give the port no. 4000.

