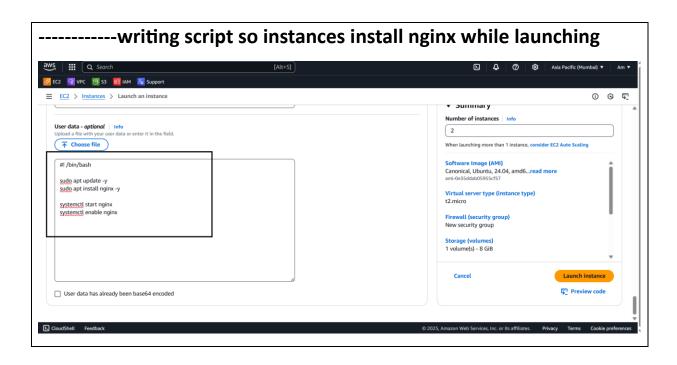
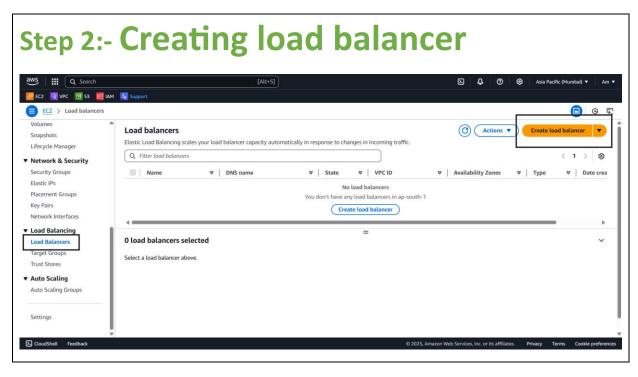
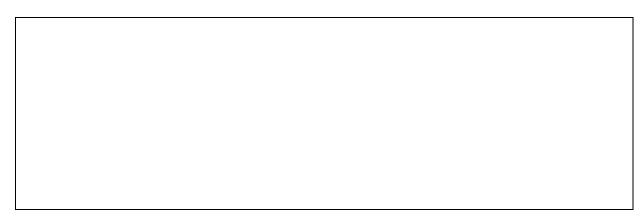
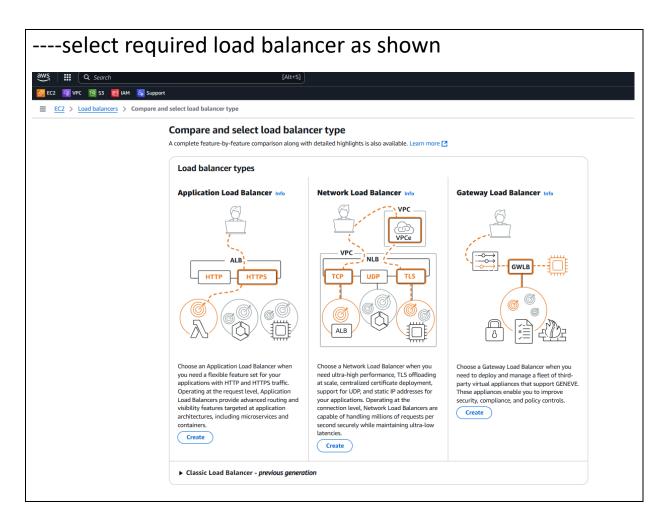
## **LOAD BALANCER**

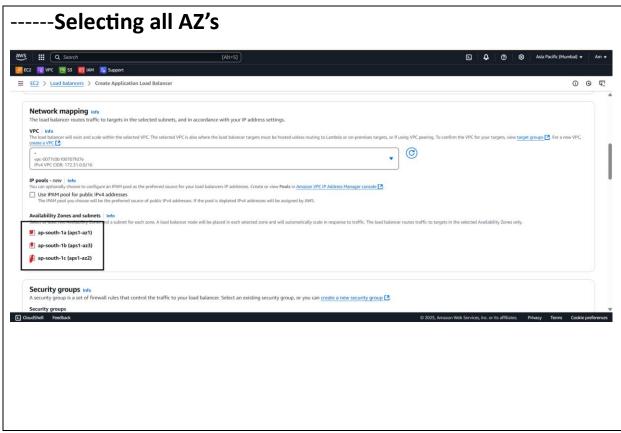
#### Step 1:- create two identical instances in same region & configuration --- creating instance 💋 EC2 🏻 GPC 🔁 S3 🗧 IAM 🙎 Support 0 0 5 Launch an instance Info **▼** Summary 2 Name and tags Info ec2\_load balancer Canonical, Ubuntu, 24.04, amd6...read more ▼ Application and OS Images (Amazon Machine Image) Info Virtual server type (instance type) An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch you instance. Search or Browse for AMIs if you don't see what you are looking for below Q Search our full catalog including 1000s of application and OS images Storage (volumes) 1 volume(s) - 8 GiB Recents Quick Start Q Browse more AMIs aws ----creating new security grp alltraffic 🙋 EC2 🕞 VPC 🔁 S3 🗧 IAM 🔼 Support 0 0 5 **▼** Summary ▼ Network settings Info Number of instances Info VPC - required | Info (default) When launching more than 1 instance, consider EC2 Auto Scaling Subnet Info Software Image (AMI) Canonical, Ubuntu, 24.04, amd6...read more ▼ C Create new subnet 🖸 No preference Auto-assign public IP Info irtual server type (instance type) Firewall (security group) New security group Create security group Select existing security group Storage (volumes) 1 volume(s) - 8 GiB

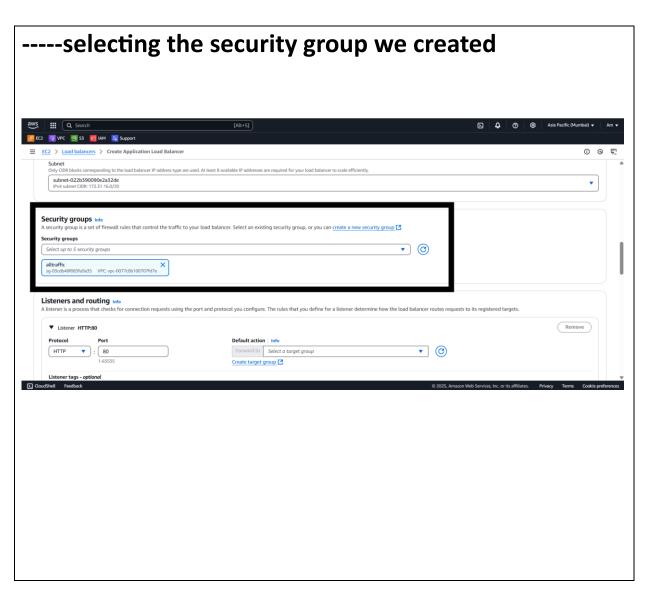




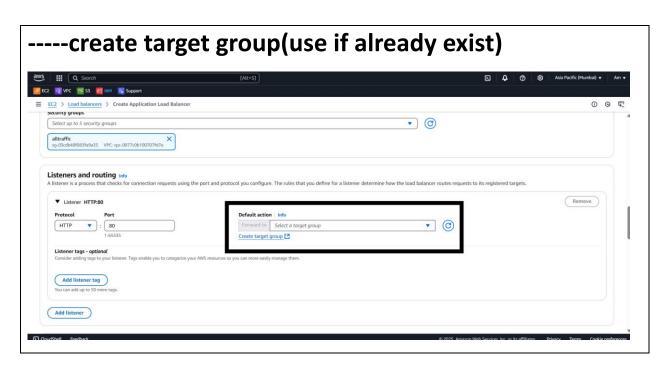


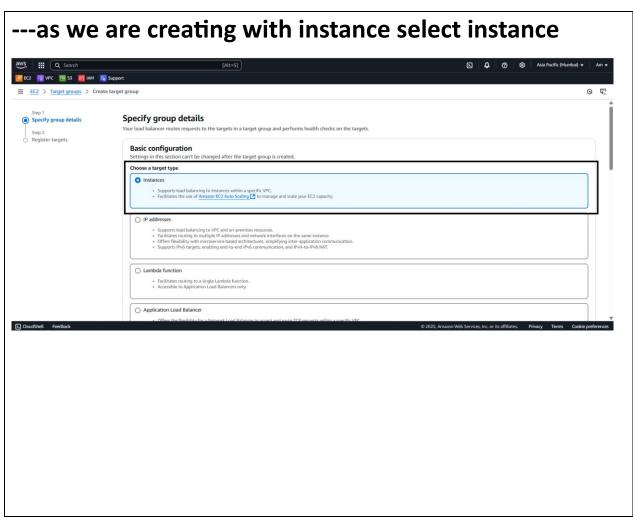


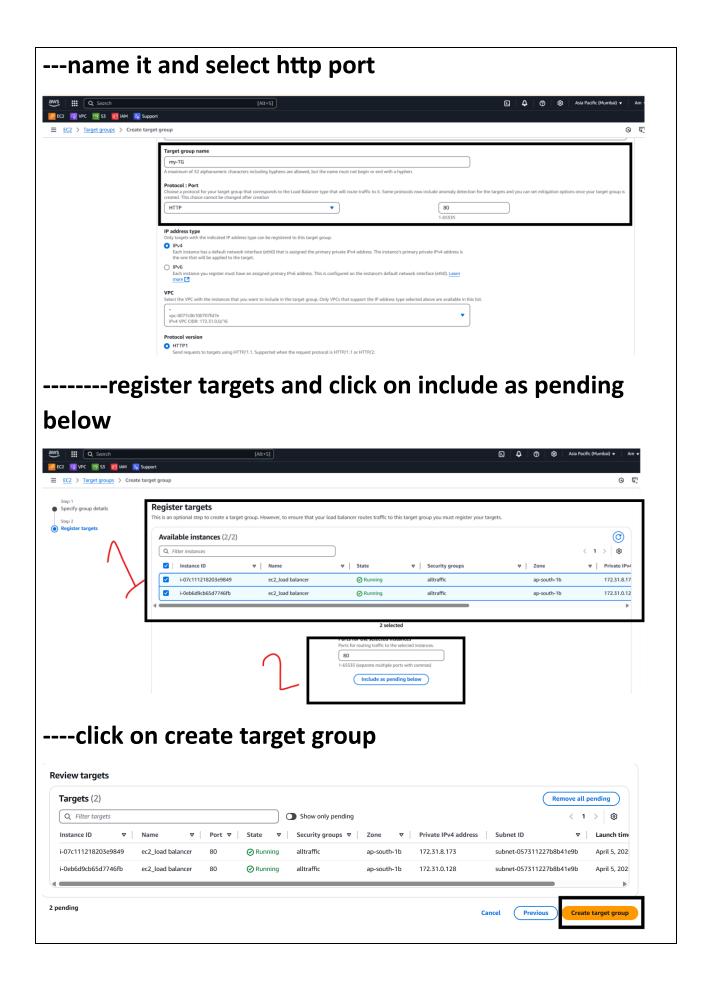


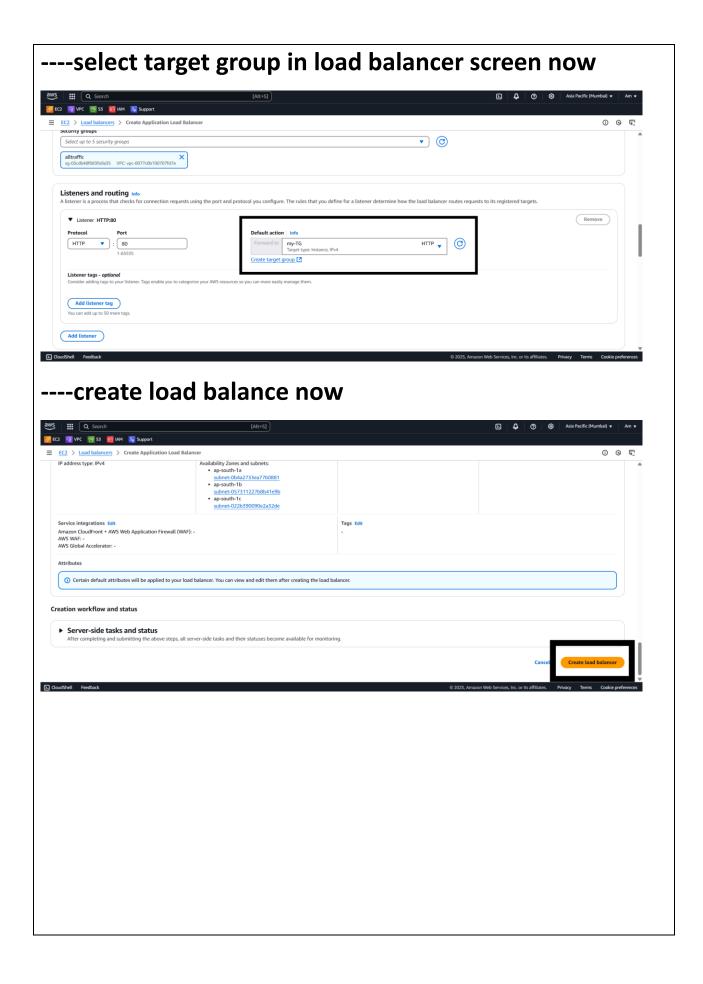














### --check nginx is working

```
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-172-31-8-173:-$ sudo -i
root@ip-172-31-8-173:-$ system status nginx

command system? for mode bystemd (255.4-lubuntu8.6)

Ty: apt install dob names simil (38.1-6.1)
Ty: apt install dob names simil (38.1-6.1)
Ty: apt install dob name simil (38.1-6.1)
Ty: apt install dob name web server and a reverse proxy server
Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset; enabled)

Active: active (running) since sat 2025-04-05 12:36:19 UTC; 29min ago

Docs: man:nginx(8)
Main PID: 1334 (nginx)
Tasks: 2 (limit: 1129)
Menory: 1.8M (peak: 2.0M)
CPU: 16ms

CGroup: 1.8M (peak: 2.0M)
CFU: 15ms

GGroup: 1.9Ms

To static (print): master process /usr/sbin/nginx -g daemon on; master_process on;"

1535 "nginx: worker process"

Apr 05 12:36:19 ip-172-31-8-173 systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy

Finess 1-14/14 (END)
```

## ---using command writing custom message for proxy server nginx

```
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-172-31-8-173:~$ sudo -i root@ip-172-31-8-173:~$ system status nginx

Command 'system' not found, did you mean: command 'system' from deb systemd (255.4-lubuntu8.6) command 'system' from deb systemd (255.4-lubuntu8.6) command 'system' system' from deb systemd (255.4-lubuntu8.6) command 'system' system' system' system (deb name> root@ip-172-31-8-173:~# systemctl status nginx

• nginx.service - A high performance web server and a reverse proxy server

Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)

Active: active (running) since Sat 2025-04-05 12:36:19 UTC; 29min ago

Docs: man:nginx(8)

Main PID: 1534 (nginx)

Tasks: 2 (limit: 1129)

Memory: 1.8M (peak: 2.0M)

CPU: 16ms

CGroup: /system.slice/nginx.service

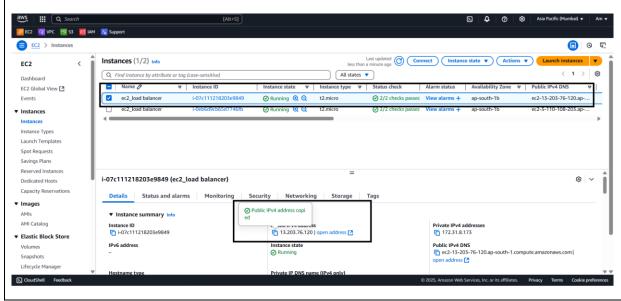
__1534 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"

__1535 "nginx: worker process"

Apr 05 12:36:19 ip-172-31-8-173:-# systemd[]: Starting nginx.service - A high performance web server and a reverse proxy aroot@ip-172-31-8-173:-# root@ip-172-31-8-173:-# root@ip-172-31-8-173:-# cat >> /var/www/html/nginx.services

Hello world
```

# ---selecting one instance and trying to connect to proxy server nginx



#### 

For online documentation and support please refer to  $\underline{nginx.org}$ . Commercial support is available at  $\underline{nginx.com}$ .

Thank you for using nainx.