

First I have created an instance.

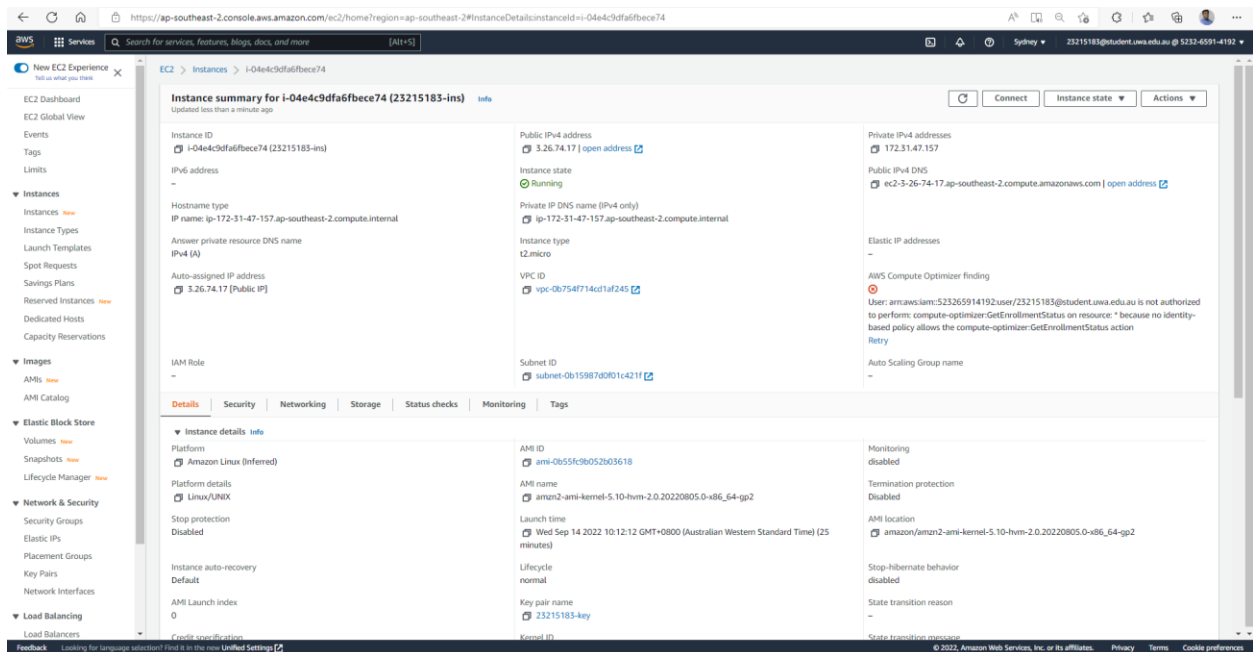


Fig 1: Details of instance

Create a target group named 23215183-Tg using console of AWS with basic configuration. Also register the instance created.

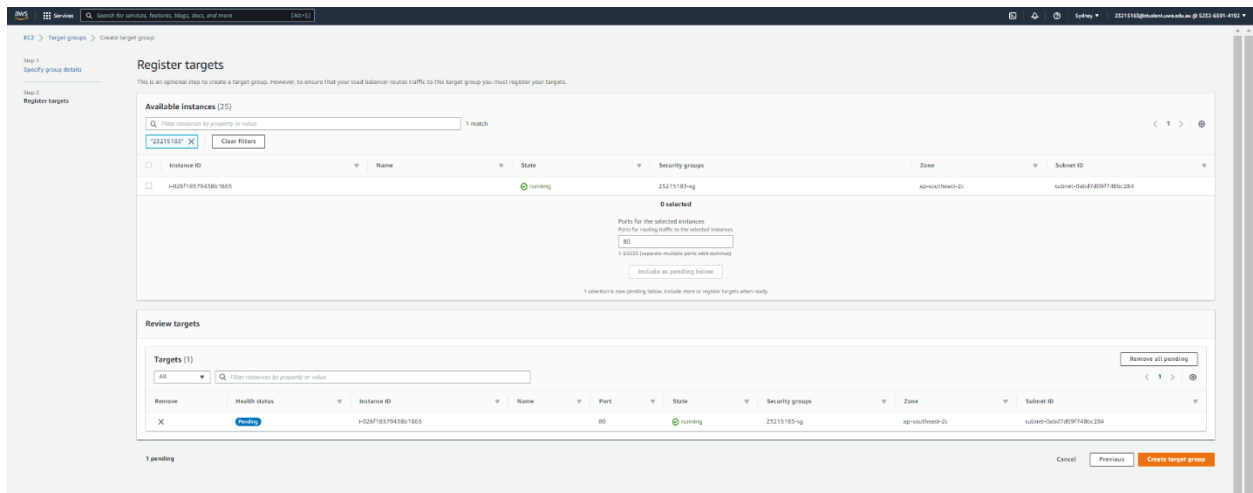


Fig 2: Creation of Target Group

The following shows the created target group.

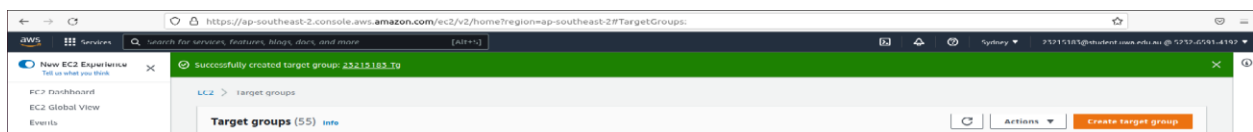


Fig 3: Target Group created

Add ssh, http and https inbound rules to the security group.

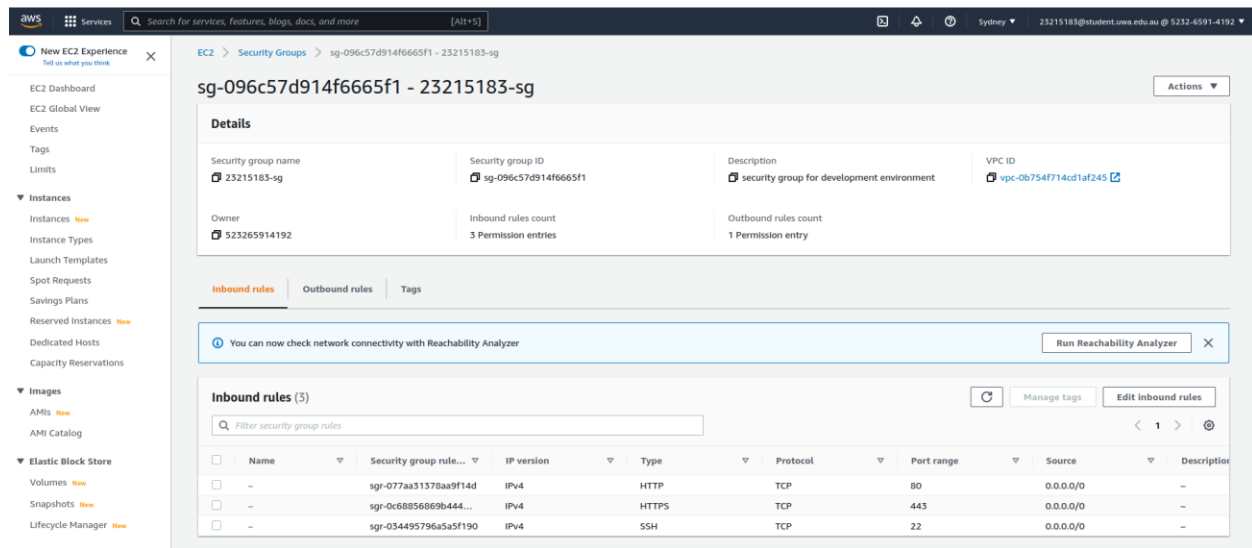


Fig 4: Add inbound rules to security group

Application Load balancer named 23215183-LoadB created.

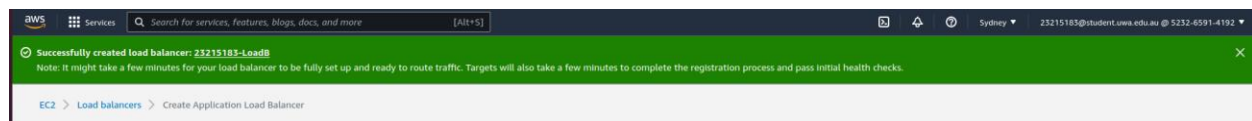


Fig 5: Creation of load balancer

Shows the details of the load balancer created previously.

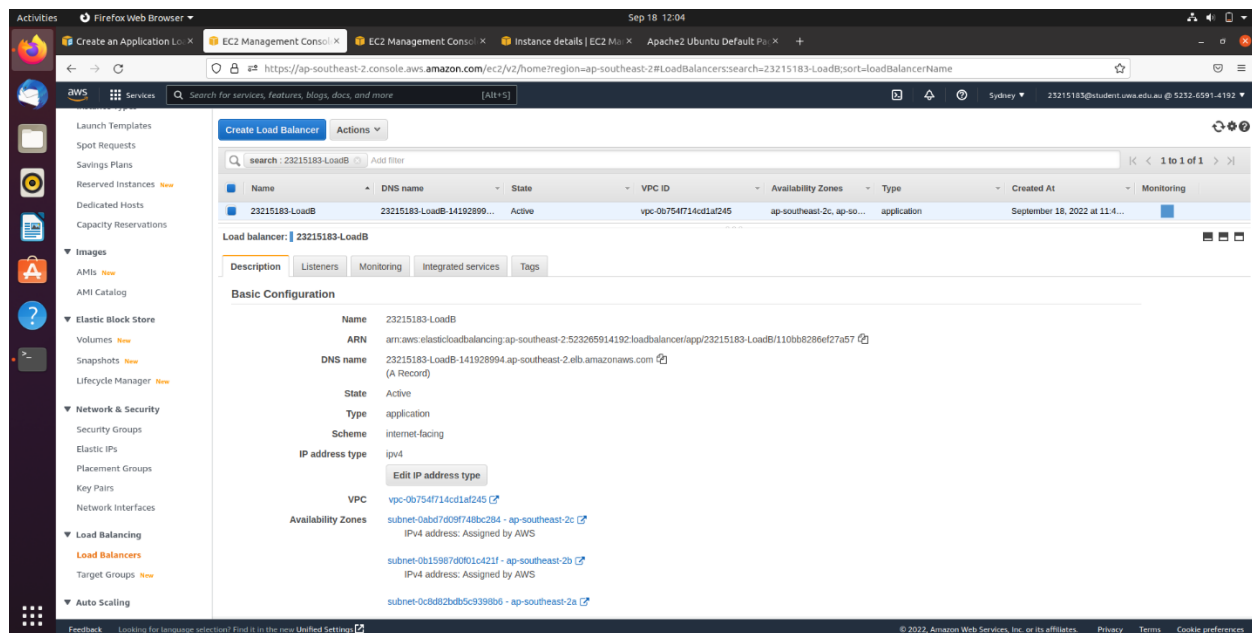


Fig 6: Details of load balancer

Run apache in the instance using IP address.

```
ronjon@ronjon-VirtualBox:~/lab5$ ssh -i 23215183-key.pem ubuntu@3.26.149.35
Welcome to Ubuntu 16.04.4 LTS (GNU/Linux 4.4.0-1052-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

Get cloud support with Ubuntu Advantage Cloud Guest:
http://www.ubuntu.com/business/services/cloud

0 packages can be updated.
0 updates are security updates.

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-172-31-16-248:~$ aws ec2 run-instances --image-id ami-d38a4ab1 --securi
```

Fig 7: Apache start

Show the default page in the browser.

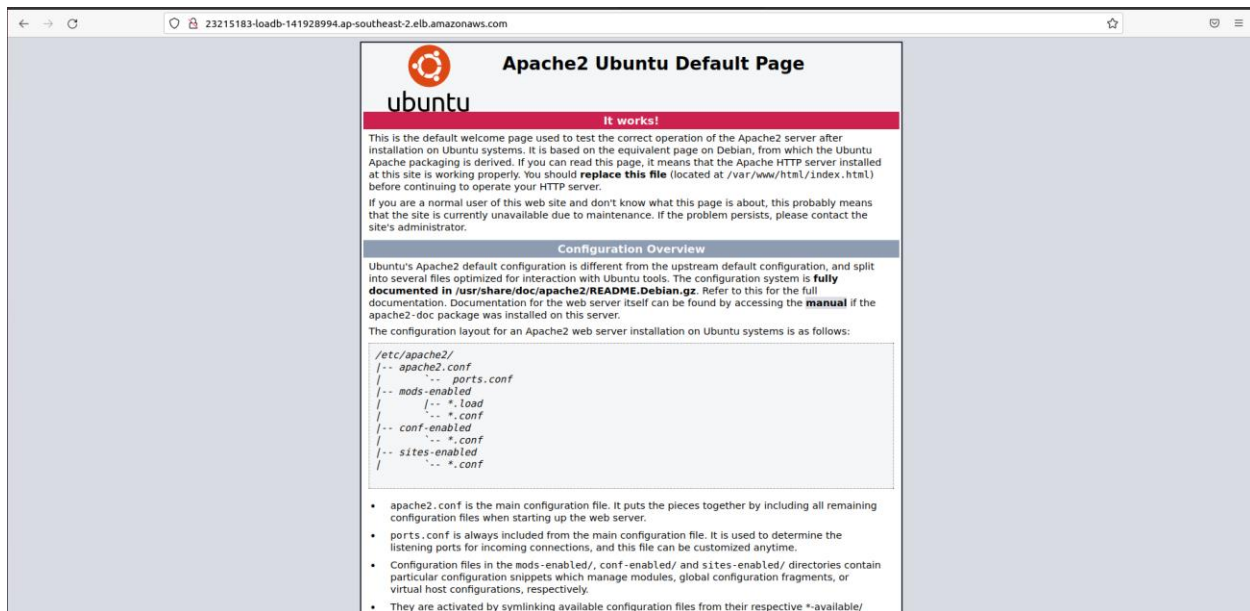


Fig 8: The default page in the browser

After finished the practice I deleted the load balancer I created previously named 23215183-LoadB. Here the search bar using the name of load balancer shows no result found means that the load balancer previously created is deleted.

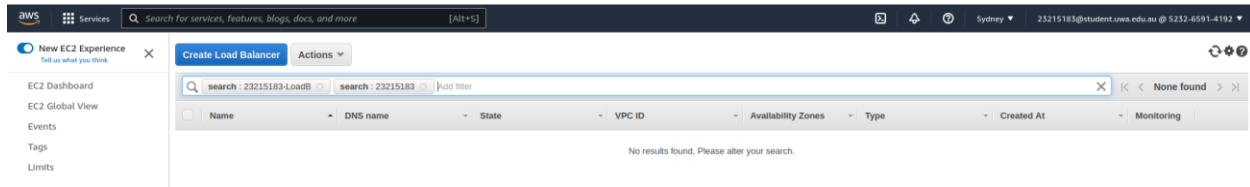


Fig 9: Deletion of the load balancer