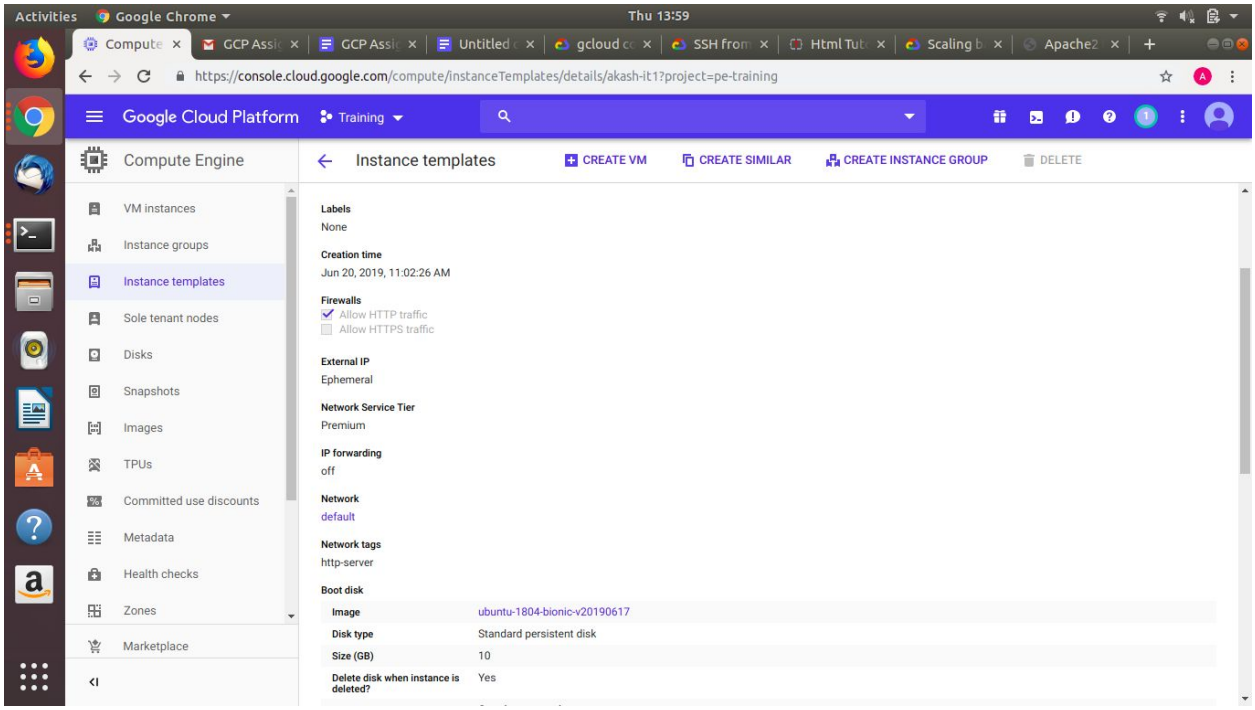
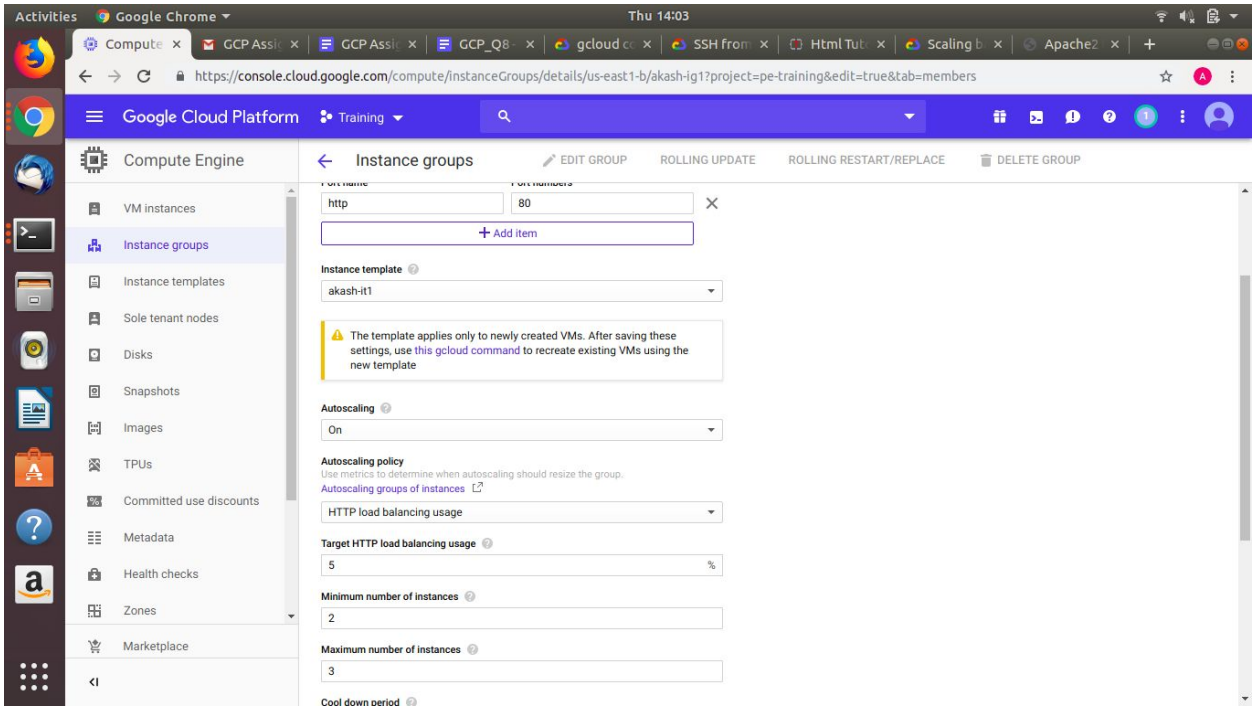
1. Create an instance template

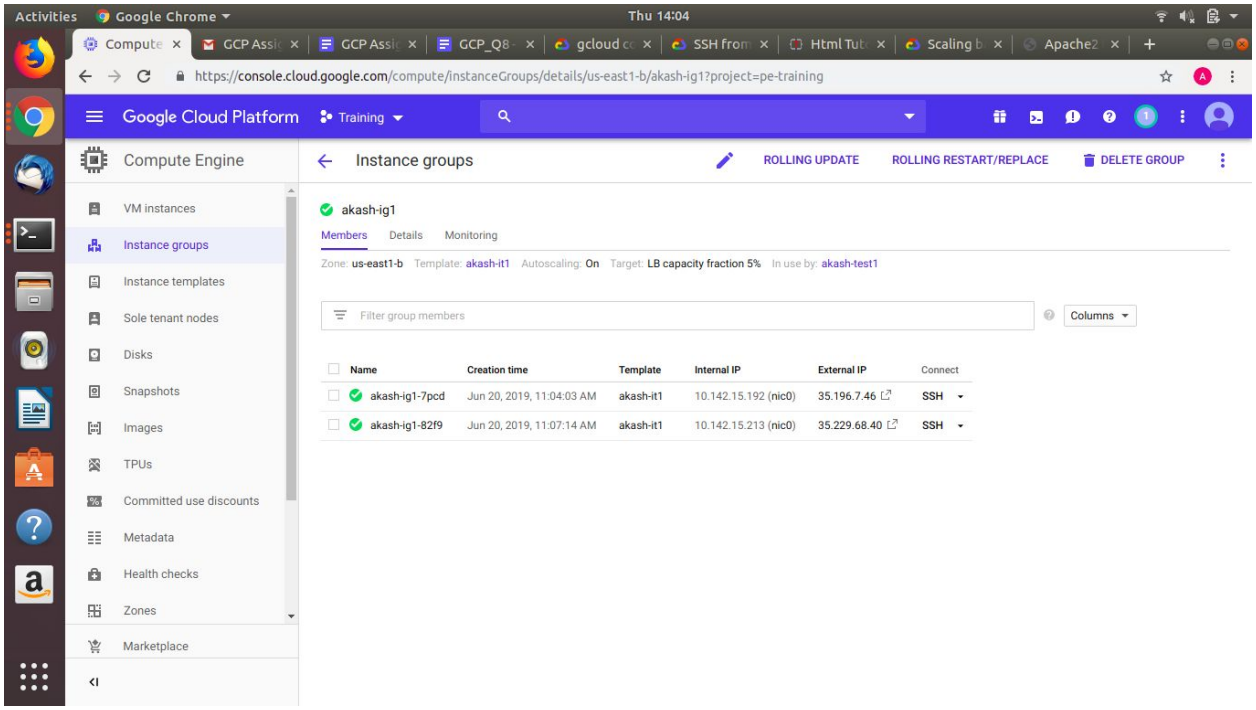


2. Write a startup script.

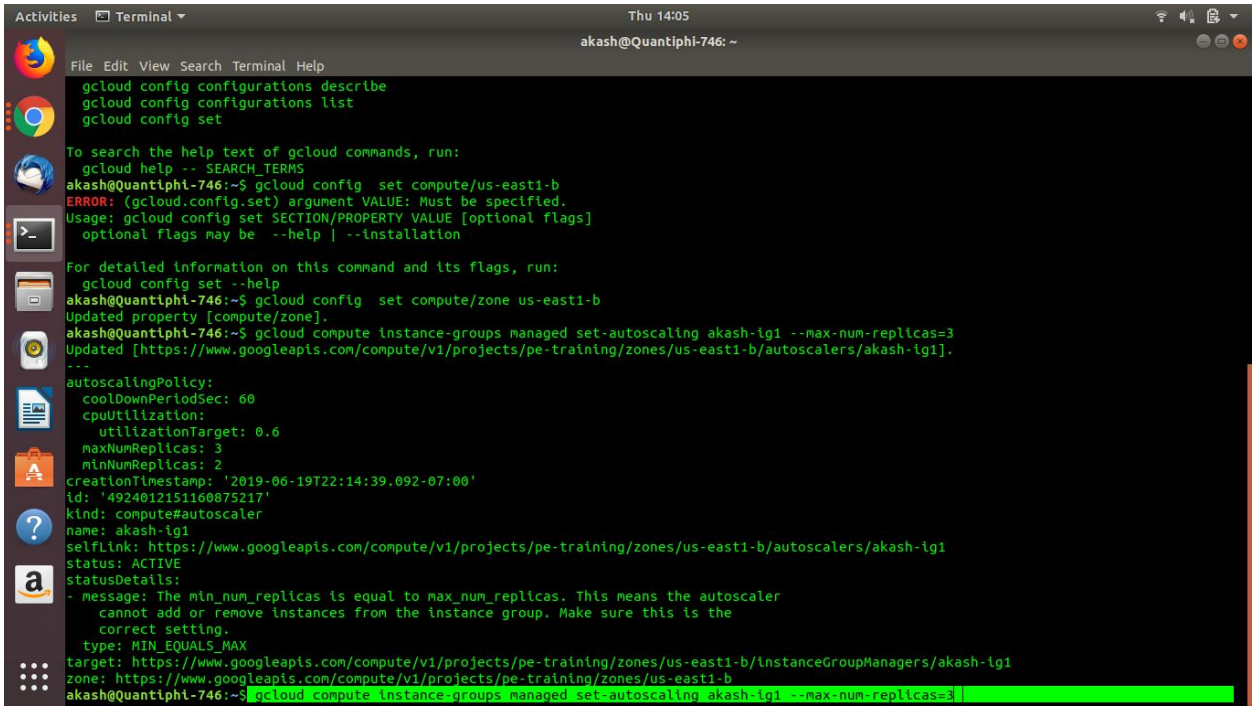
```
#!/bin/bash
sudo apt-get install apache2 -y
sudo service apache2 start
```

3. Go in instance group , create anew instance group and configure the instance group. Select the instance template.

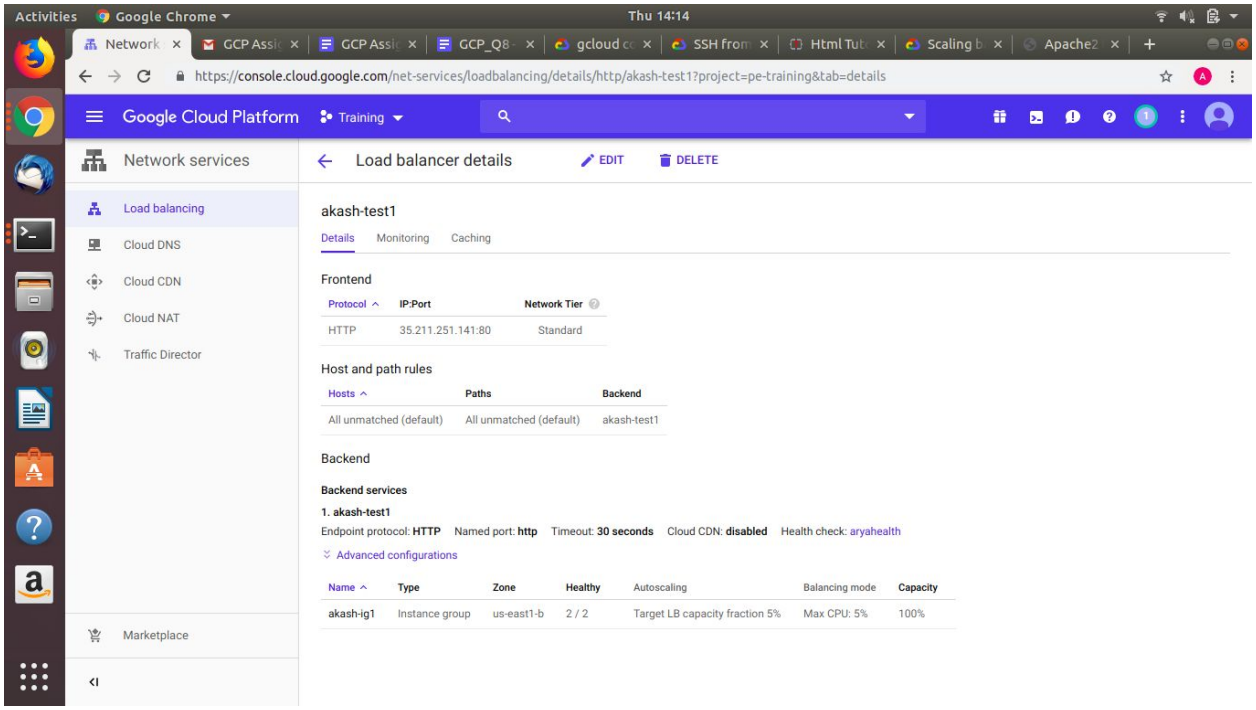




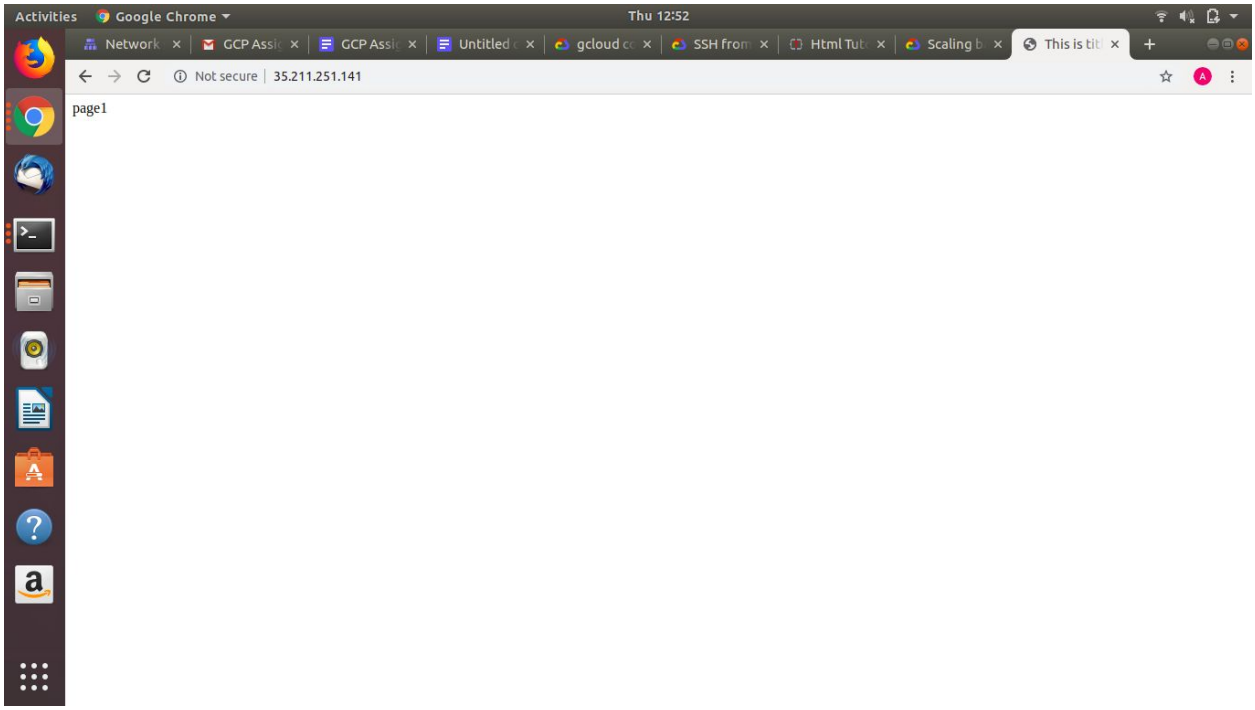
4. Enable auto scaling using the command
gcloud compute instance-groups managed set-autoscaling akash-ig1 --max-num-replicas=3

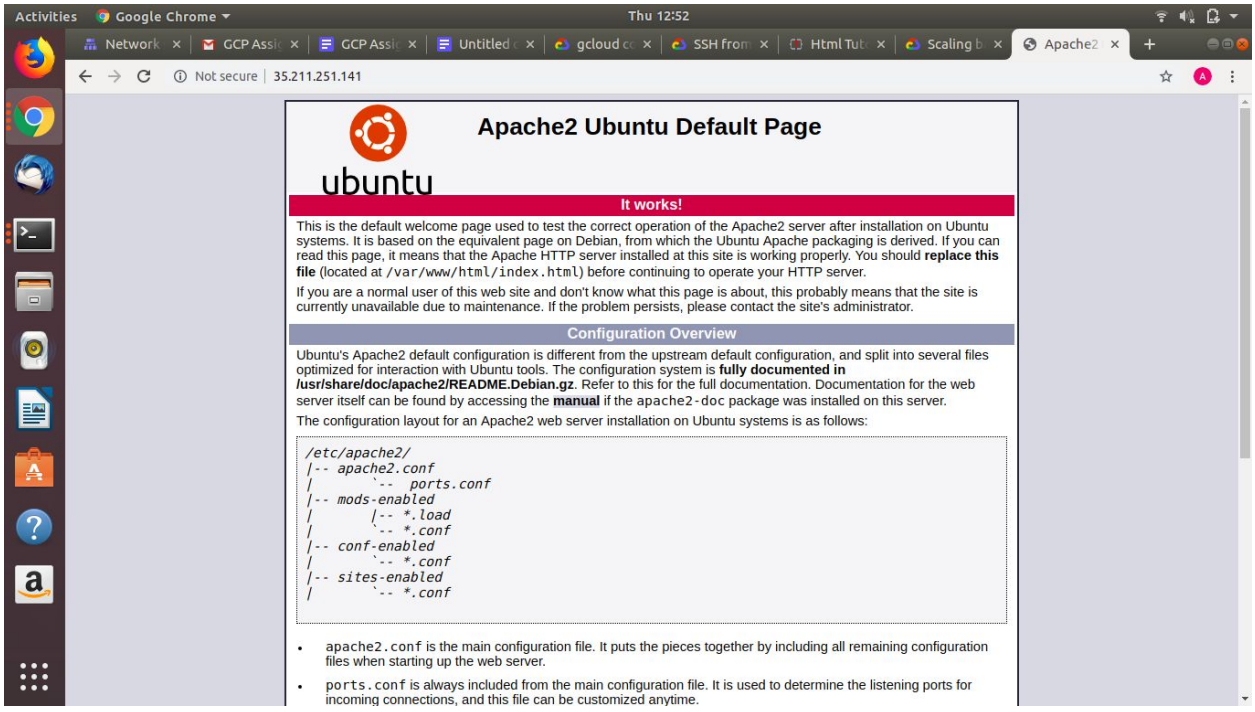


4. Configure the apache2 index.html files in the instances.
5. Create a new load balancer and configure the back end front end



6. Copy the front end ip of the load balancer and paste it in the browser. The load will be balanced and will it will switch between 2 pages on refrshing as follows :


Activities
Google Chrome
Thu 12:52
Not secure | 35.211.251.141
page1


Activities
Google Chrome
Thu 12:52
Not secure | 35.211.251.141
Apache2 Ubuntu Default Page
ubuntu
It works!
This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should replace this file (located at /var/www/html/index.html) before continuing to operate your HTTP server.
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.
Configuration Overview
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is fully documented in /usr/share/doc/apache2/README.Debian.gz. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the manual if the apache2-doc package was installed on this server.
The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:
/etc/apache2/
|-- apache2.conf
| `-- ports.conf
|-- mods-enabled
| |-- *.load
| `-- *.conf
|-- conf-enabled
| `-- *.conf
|-- sites-enabled
| `-- *.conf
apache2.conf is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
ports.conf is always included from the main configuration file. It is used to determine the listening ports for incoming connections, and this file can be customized anytime.