Google Cloud Platform – Professional Cloud Architect (Lab commands & screenshots)
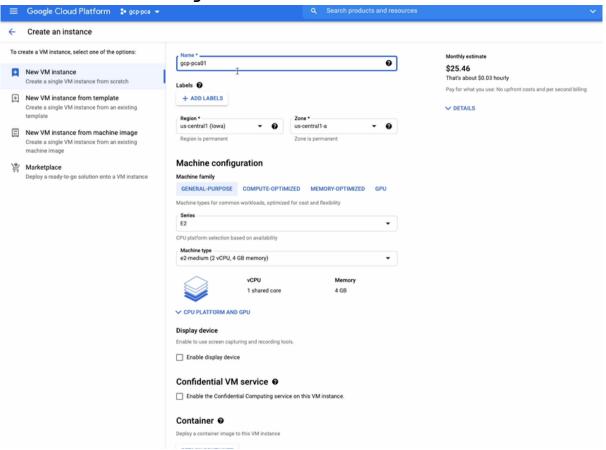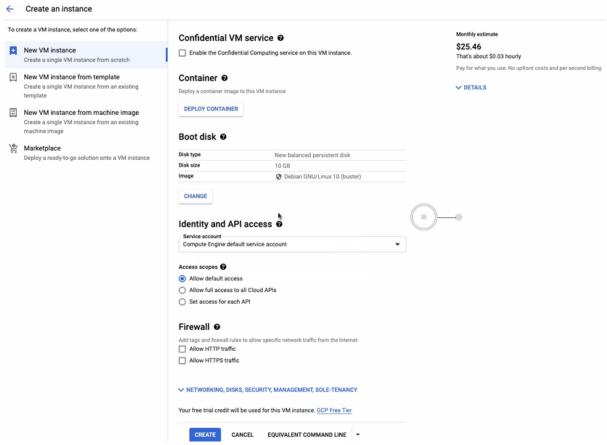
Compute

- **Commands:**

```
cd $HOME
mkdir git_repo
sudo su -
apt-get update
apt-get install nginx -y.  #install nginx
ps auwx | grep nginx        #Verify nginx process

gcloud compute ssh <instance-name> #connecting from
cloud shell.
```

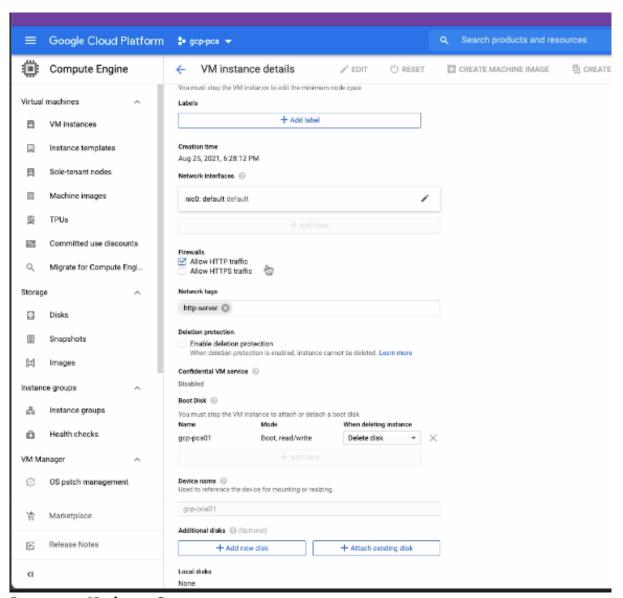Screenshots:

1. VM Instance Config

2. SSH Access:

```
gyanilakhan@gcp-pca01:/$ pwd
/
gyanilakhan@gcp-pca01:/$ cd $HOME
gyanilakhan@gcp-pca01:~$ mkdir git_repo
gyanilakhan@gcp-pca01:~$ apt-get update
Reading package lists... Done
E: Could not open lock file /var/lib/apt/lists/lock - open (13: Permission denied)
E: Unable to lock directory /var/lib/apt/lists/
W: Problem unlinking the file /var/cache/apt/pkgcache.bin - RemoveCaches (13: Permission
 denied)
W: Problem unlinking the file /var/cache/apt/srcpkgcache.bin - RemoveCaches (13: Permiss
ion denied)
gyanilakhan@gcp-pca01:~$ sudo su -
root@gcp-pca01:~# apt-get update
```

```
root@gcp-pca01:~# ps auwx|grep nginx
root      1941  0.0  0.0  65660  1708 ?        Ss   03:50   0:00 nginx: master process /
usr/sbin/nginx -g daemon on; master_process on;
www-data  1942  0.0  0.0  65976  3544 ?        S    03:50   0:00 nginx: worker process
www-data  1943  0.0  0.0  65976  3544 ?        S    03:50   0:00 nginx: worker process
root      1987  0.0  0.0   4836   876 pts/0    R+   03:51   0:00 grep nginx
root@gcp-pca01:~#
```

3. Turn on Http

4.Access Nginx Server