

**GHARDA FOUNDATION**  
**GHARDA INSTITUTE OF TECHNOLOGY, LAVEL**  
Department of Computer Engineering

**Evaluation Sheet**

Class: TE-Computer Engineering

Sem: V

Subject: **Cloud Computing Lab**

Experiment No: 4

Title of Experiment: To Study and implement Infrastructure as a Service using EC2

Name of Student: Niraj Nitin Surve

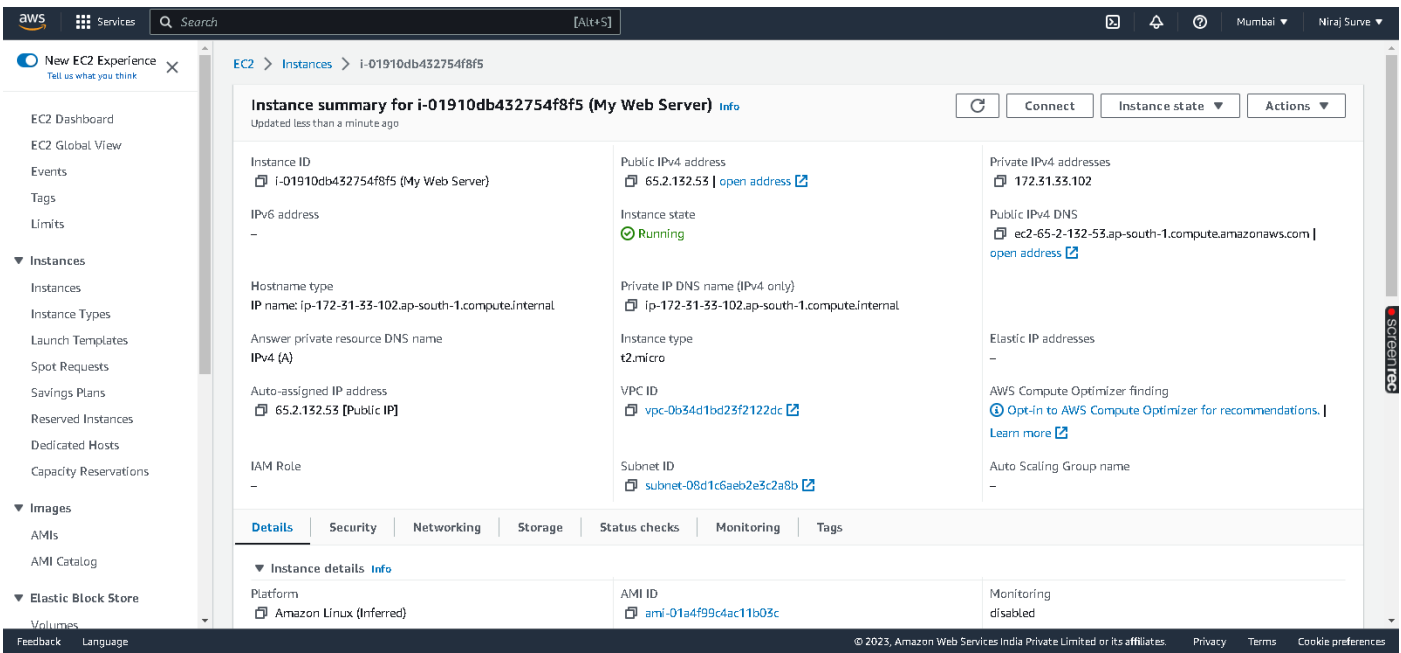
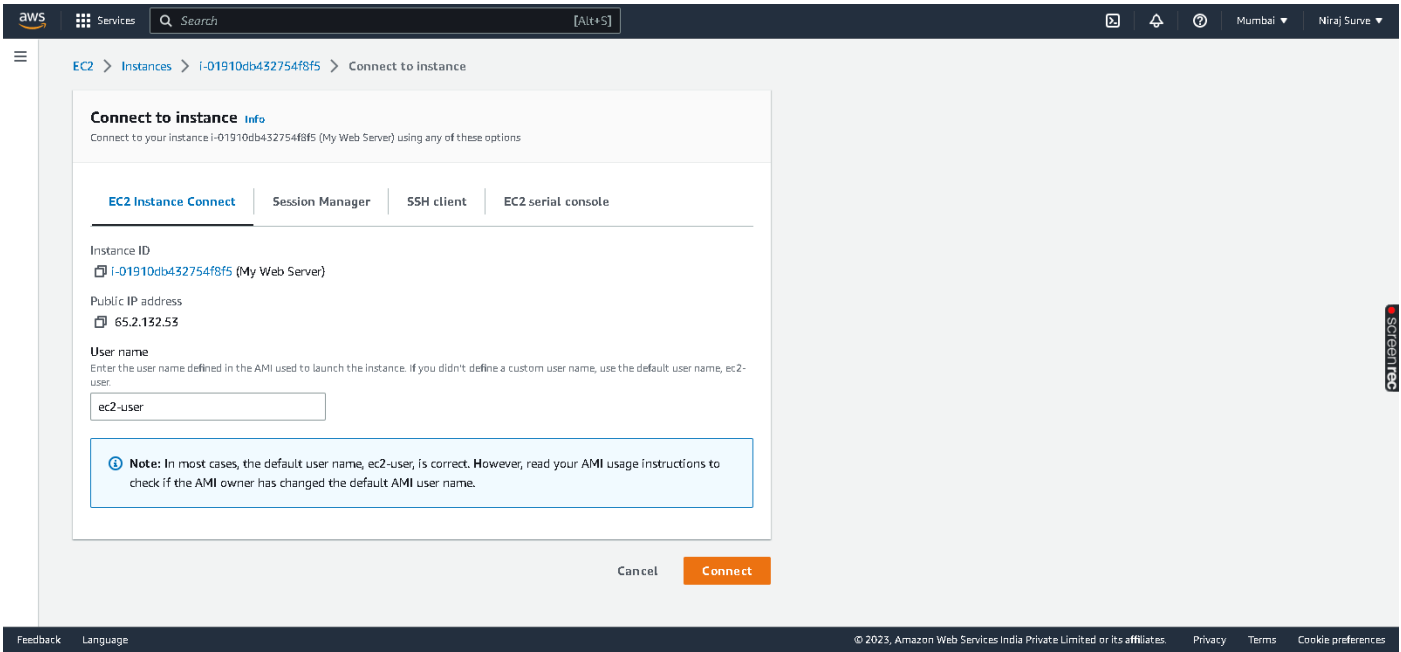
Roll No: 68

Date of Performance:

Sr. No.	Evaluation Criteria	Max Marks	Marks Obtained
1	Practical Performance	8	
2	Oral	5	
3	Timely Submission	2	
	Total	15	

Signature of Subject Teacher  
(Mr. S. S. Tathare)

Screenshots –



```
aws Services Search [Alt+S] Mumbai Niraj Surve
[ec2-user@ip-172-31-33-102 ~]$ hostname
ip-172-31-33-102.ap-south-1.compute.internal
[ec2-user@ip-172-31-33-102 ~]$ pwd
/home/ec2-user
[ec2-user@ip-172-31-33-102 ~]$ ls
[ec2-user@ip-172-31-33-102 ~]$ ping google.com -c 3
PING google.com (142.250.66.14): 56(84) bytes of data:
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=1 ttl=51 time=0.994 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=2 ttl=51 time=1.09 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=3 ttl=51 time=1.11 ms

--- google.com ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 0.994/1.064/1.110/0.063 ms
[ec2-user@ip-172-31-33-102 ~]$ cal
      February 2023
Su Mo Tu We Th Fr Sa
                1  2  3  4
 5  6  7  8  9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28

[ec2-user@ip-172-31-33-102 ~]$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 9001
    inet 172.31.33.102 netmask 255.255.240.0 broadcast 172.31.47.255
    inet6 fe80::6a:a5ff:fe07:9360 prefixlen 64 scopeid 0x20<link>
    ether 02:6a:a5:07:93:60 txqueuelen 1000 (Ethernet)
    RX packets 66289 bytes 93580851 (89.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6831 bytes 460420 (449.6 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536

i-01910db432754f8f5 (My Web Server)
PublicIPs: 65.2.132.53 PrivateIPs: 172.31.33.102
```

Secure Shell 0.53

Welcome to Secure Shell version 0.53.  
Answers to frequently asked questions: <https://goo.gl/muppJj> (Ctrl+Click on links to open)

[New Connection]

ec2-user@65.2.132.53

ec2-user@65.2.132.53

ec2-user

65.2.132.53

port

SSH relay server options

Identity: 

niraj.pem

 Import...

SSH arguments: 

extra command line arguments

Profile: 

default

[DEL] Delete

Options

Send feedback

SFTP

[ENTER] Connect

ec2-user@ip-172-31-33-102:~

```
[ec2-user@ip-172-31-33-102 ~]$ hostname
ip-172-31-33-102.ap-south-1.compute.internal
[ec2-user@ip-172-31-33-102 ~]$ ping google.com -c 2
PING google.com (142.250.183.206) 56(84) bytes of data:
64 bytes from bom07s33-in-f14.1e100.net (142.250.183.206): icmp_seq=1 ttl=51 time=0.973 ms
64 bytes from bom07s33-in-f14.1e100.net (142.250.183.206): icmp_seq=2 ttl=51 time=1.04 ms

--- google.com ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 0.973/1.007/1.041/0.034 ms
[ec2-user@ip-172-31-33-102 ~]$ pwd
/home/ec2-user
[ec2-user@ip-172-31-33-102 ~]$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 9001
    inet 172.31.33.102 netmask 255.255.240.0 broadcast 172.31.47.255
    inet6 fe80::6a:a5ff:fe07:9360 prefixlen 64 scopeid 0x20<link>
    ether 02:6a:a5:07:93:60 txqueuelen 1000 (Ethernet)
    RX packets 66488 bytes 93600165 (89.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6998 bytes 481606 (470.3 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 48 bytes 3888 (3.7 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 48 bytes 3888 (3.7 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

[ec2-user@ip-172-31-33-102 ~]$ cal
    February 2023
Su Mo Tu We Th Fr Sa
```