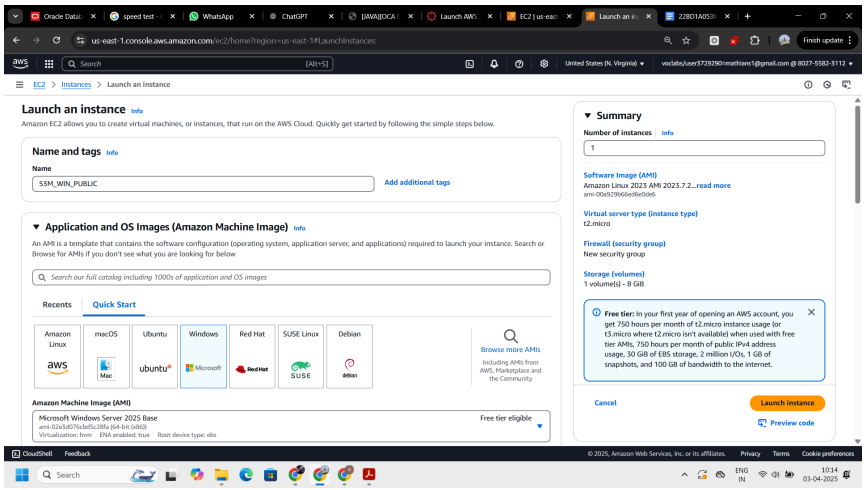
VPC CONNECTING PRIVATE TO INTERNET WINDOWS AMI

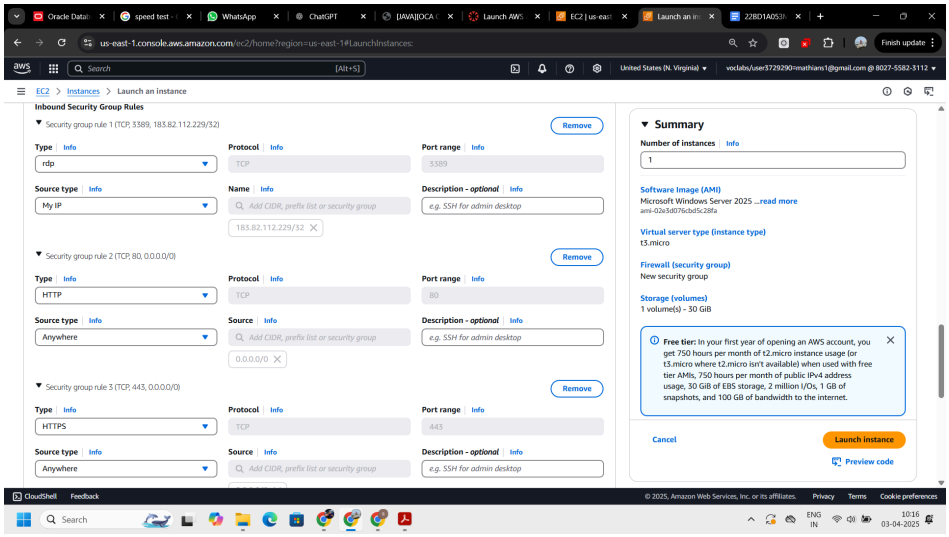
we created a **VPC (Virtual Private Cloud)** with an **IPv4 CIDR of 10.0.0.0/16**, We then created two **subnets**—one **public** (10.0.1.0/24) and one **private** (10.0.2.0/24)—within the VPC. To enable internet access for the public subnet, we set up an **Internet Gateway (IGW)** and attached it to the VPC. Finally, we created a **Route Table**, linked it to the public subnet, and configured it to route external traffic via the Internet Gateway.

Now Create a public web server instance Give a name(web-server2), and choose WINDOWS for AMI, t3.micro as instance type, use pem keypair

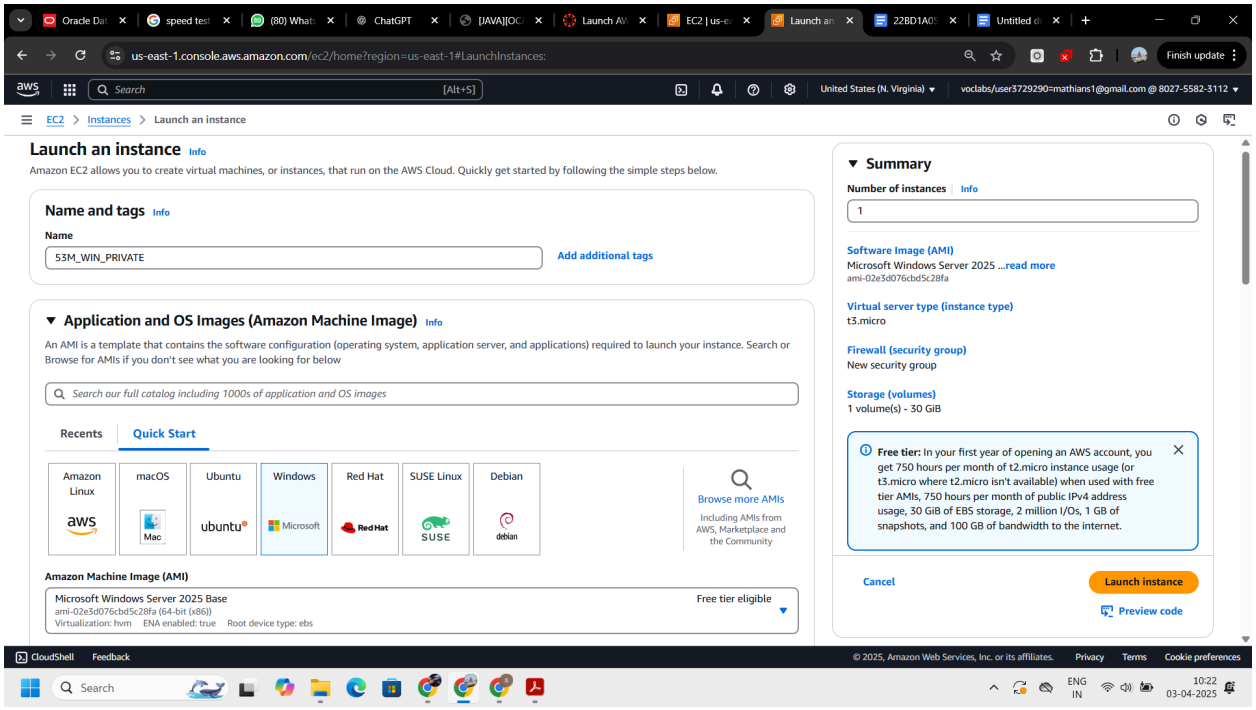
In the Network click on edit, choose the vpc, and select the public subnet



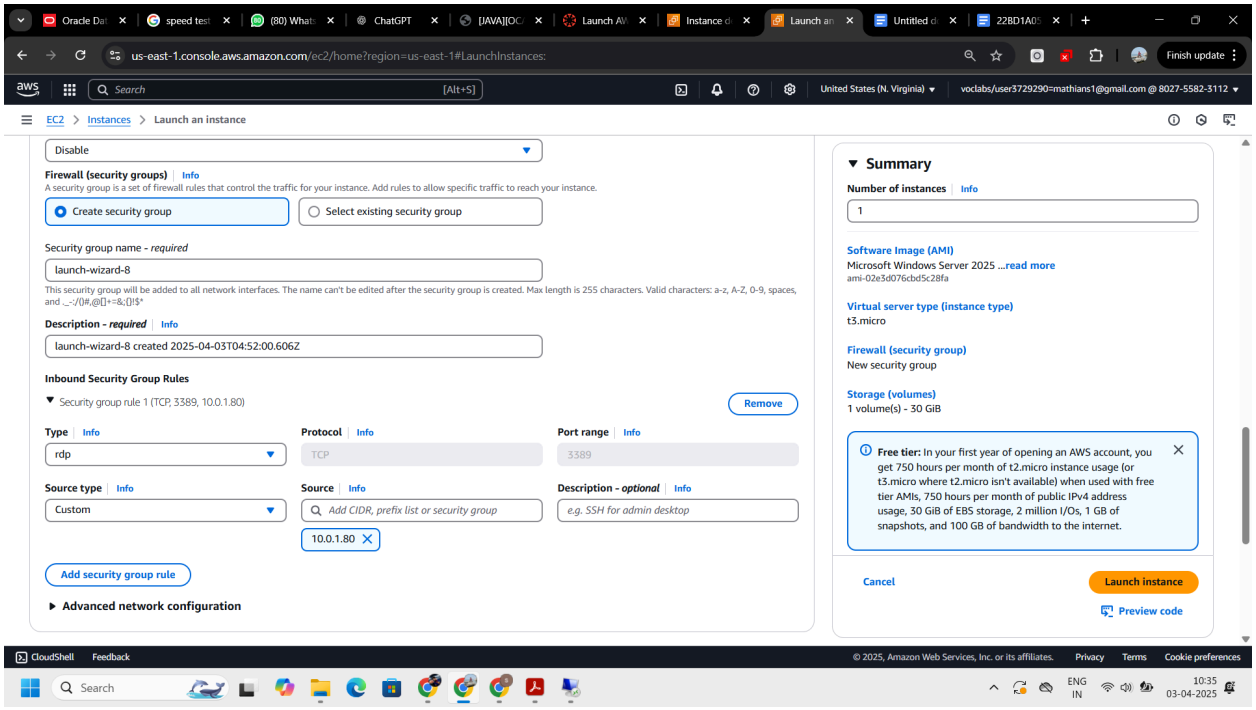
Add security group rules
Set rdp to my ip
http->anywhere
https->anywhere



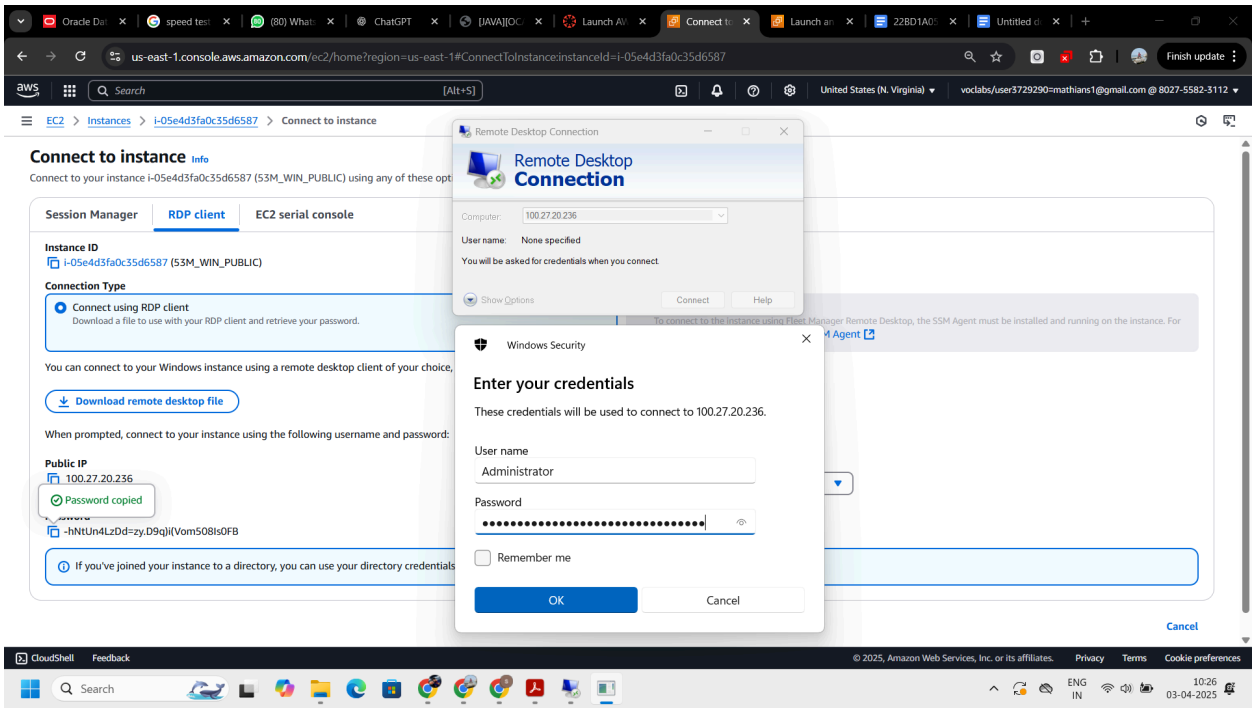
CREATE A NEW INSTANCE CALLED PRIVATE INSTANCE AND CHOOSE WINDOWS
Type is t3 micro



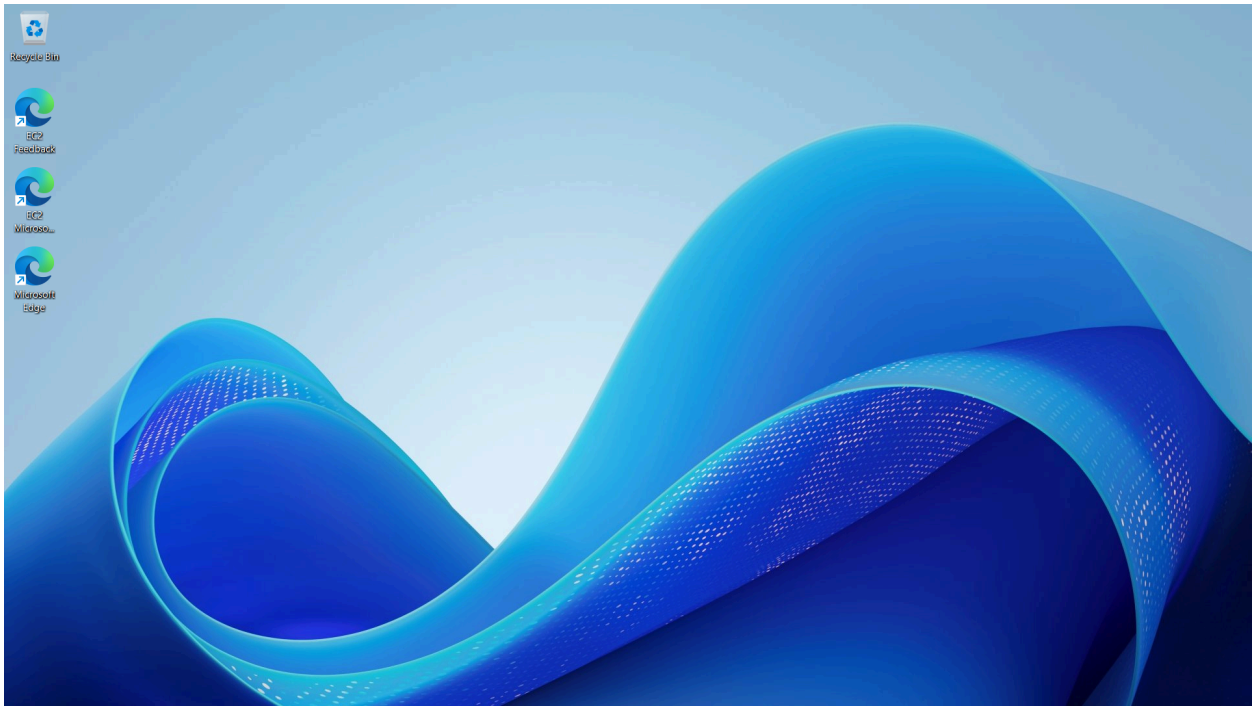
Choose rdp in security groups and then choose custom there enter the private ip address from the public instance



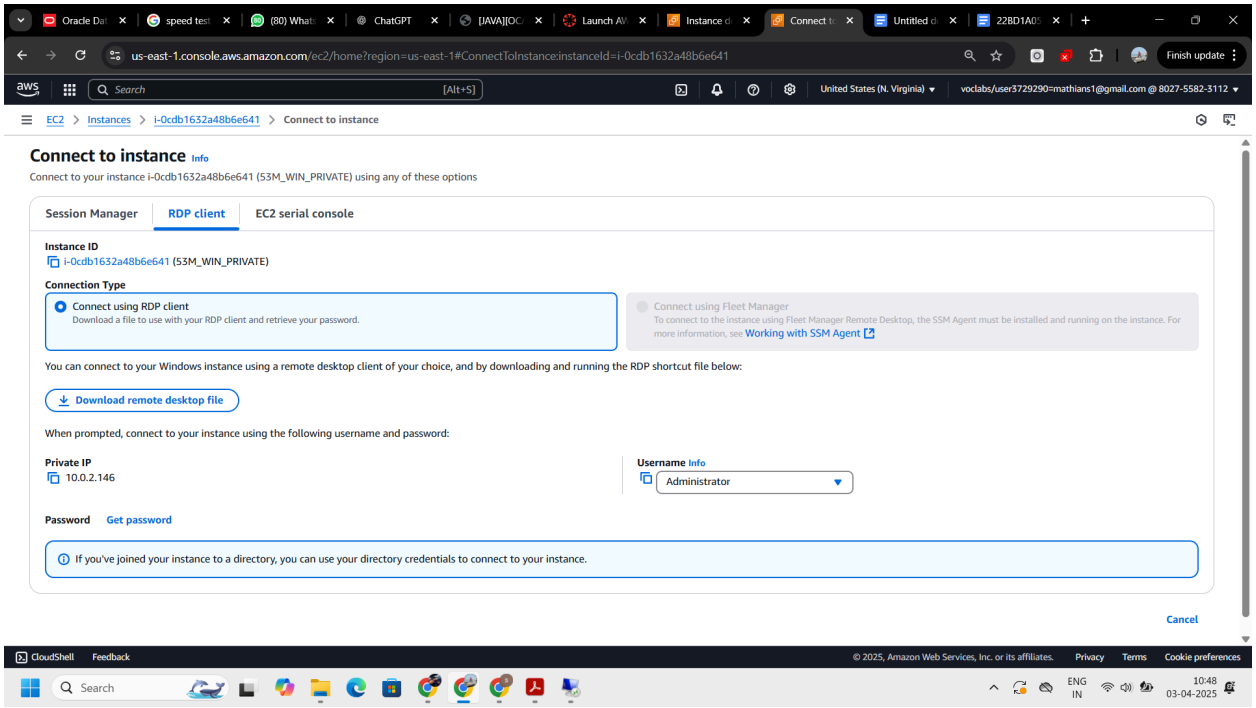
Connect the public instance using the details given



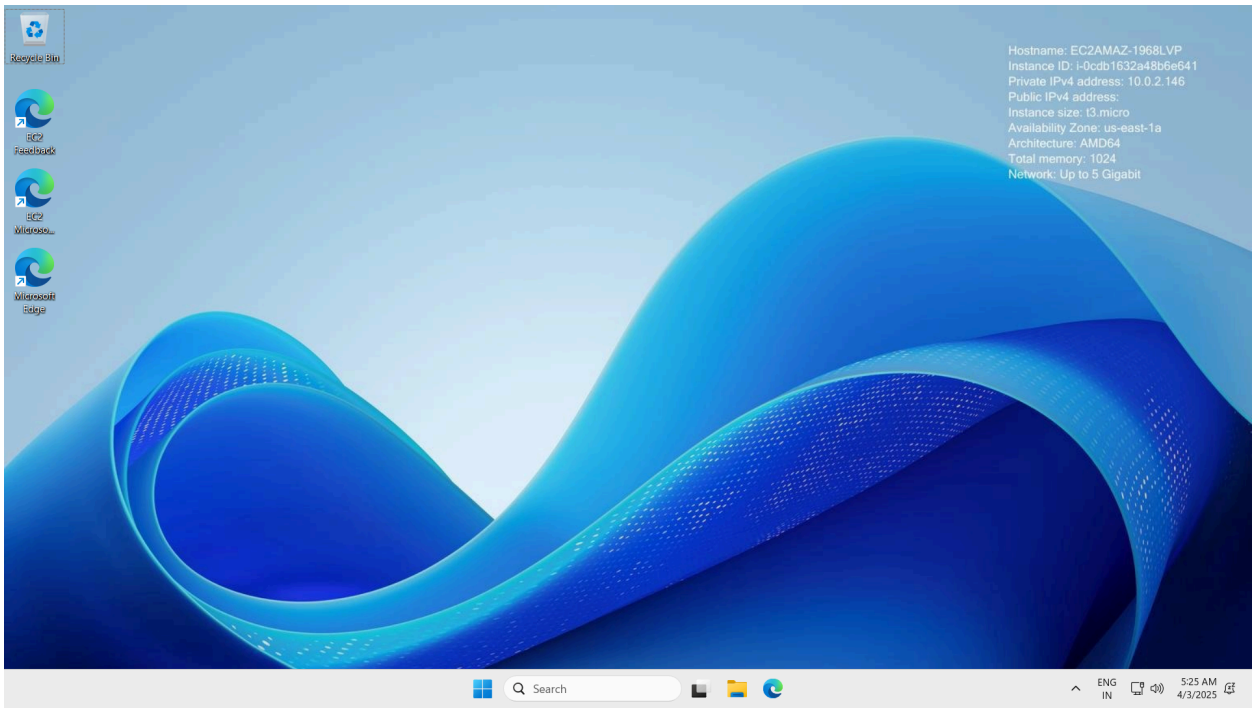
SUCCESSFULLY CONNECTED TO THE PUBLIC instance



Now connect to the private instance

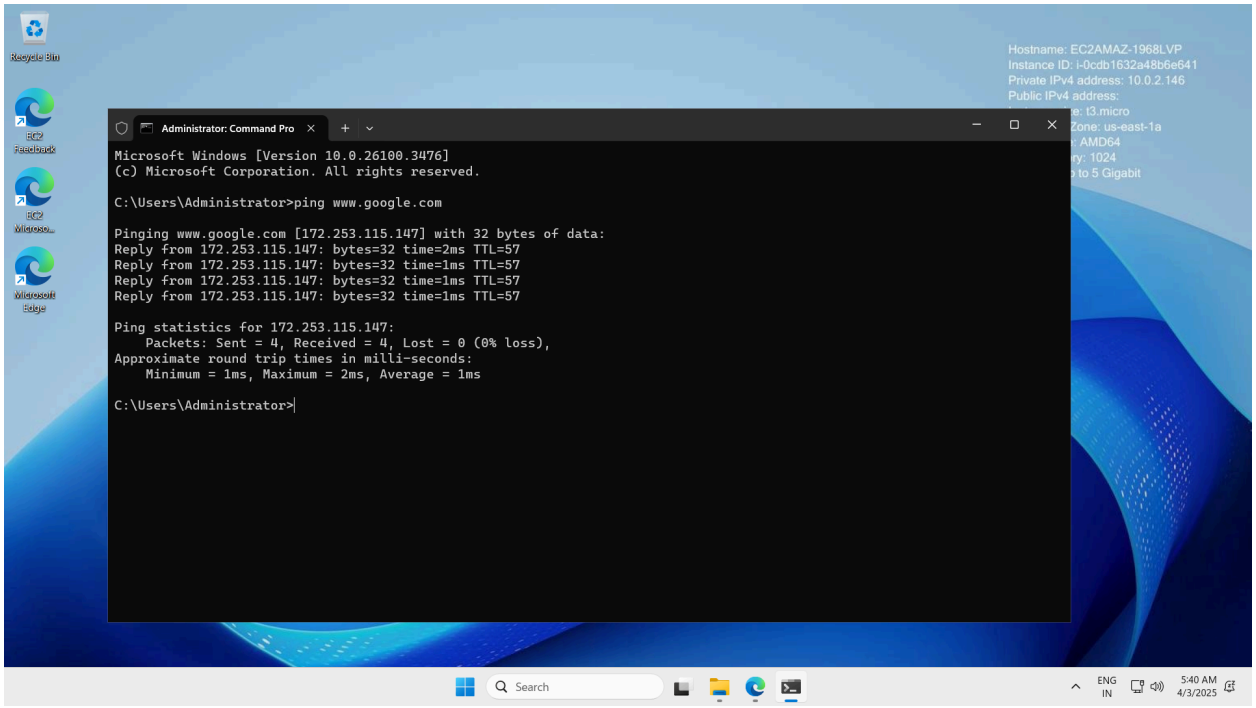


Connect to the private instance by opening rdp inside the public machine



Open cmd
Try a command like ping www.google.com

This show that the private system is also connected to the internet


Recycle Bin
EC2 Feedback
EC2 Microso...
Microsoft Edge
Hostname: EC2AMAZ-1968LVP
Instance ID: i-0cdb1632a48b6e641
Private IPv4 address: 10.0.2.146
Public IPv4 address:
e: t3.micro
Zone: us-east-1a
: AMD64
ry: 1024
to 5 Gigabit
Administrator: Command Pro
Microsoft Windows [Version 10.0.26100.3476]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Administrator>ping www.google.com
Pinging www.google.com [172.253.115.147] with 32 bytes of data:
Reply from 172.253.115.147: bytes=32 time=2ms TTL=57
Reply from 172.253.115.147: bytes=32 time=1ms TTL=57
Reply from 172.253.115.147: bytes=32 time=1ms TTL=57
Reply from 172.253.115.147: bytes=32 time=1ms TTL=57
Ping statistics for 172.253.115.147:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 1ms, Maximum = 2ms, Average = 1ms
C:\Users\Administrator>
Search
ENG
IN
5:40 AM
4/3/2025