

LAPORAN JARINGAN KOMPUTER
TUGAS PRAKTIKUM 3
“NETWORK AKTUAL DAN VIRTUAL”

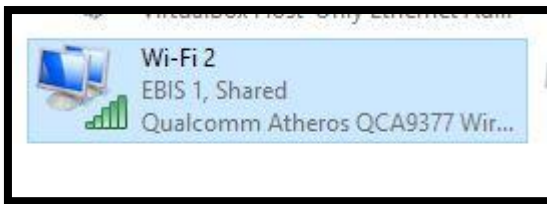


Dosen Pengampu
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Jurusan Teknik Informatika
Politeknik Kediri
2019

1. lakukan sharing internet dari Wlan Adapter ke Loopback Adapter

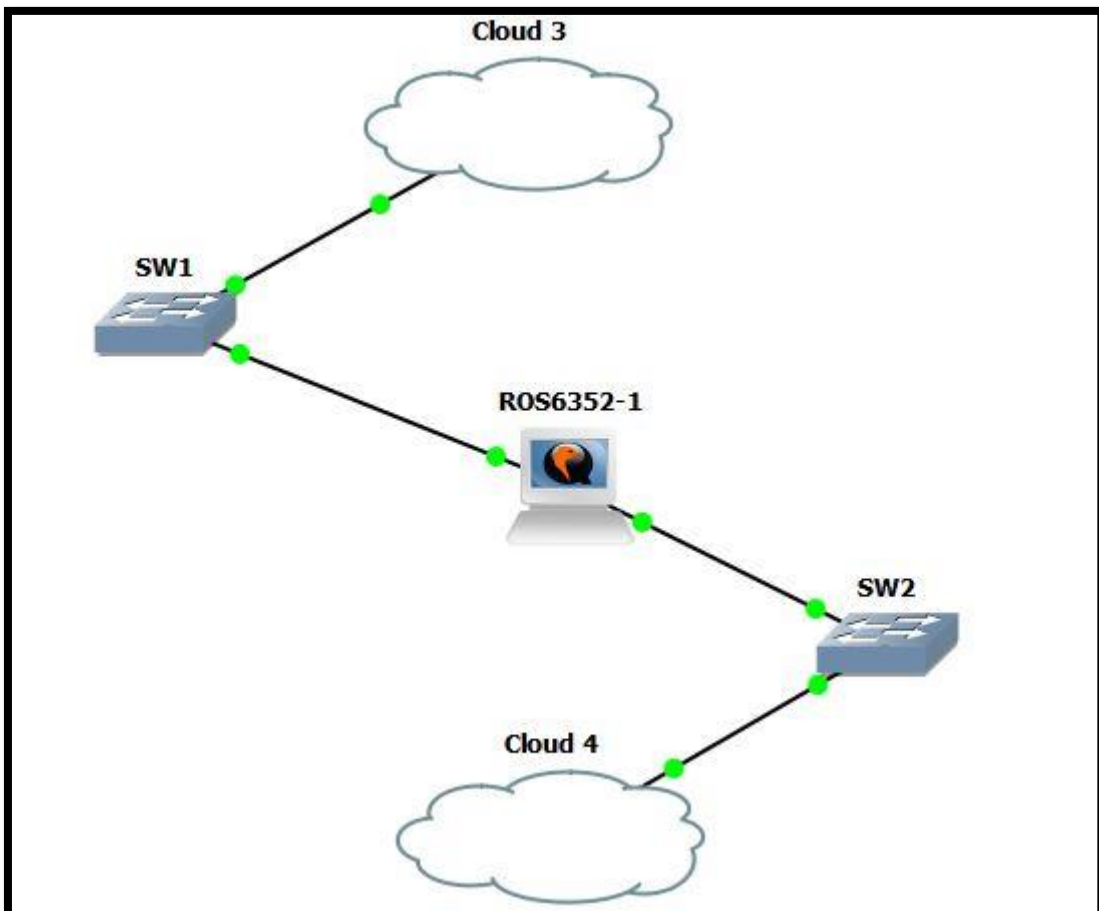


2. pastikan terkoneksi dengan internet

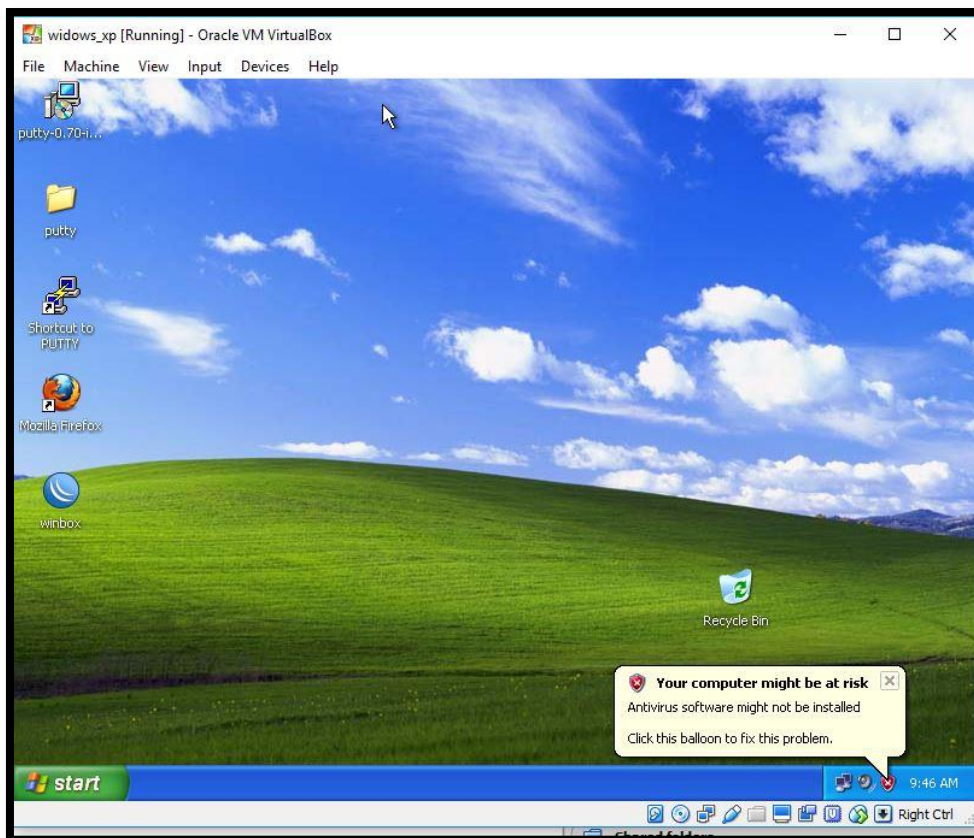
```
C:\Users\User>ping google.com -t

Pinging google.com [74.125.24.113] with 32 bytes of data:
Reply from 74.125.24.113: bytes=32 time=37ms TTL=40
Reply from 74.125.24.113: bytes=32 time=34ms TTL=40
Reply from 74.125.24.113: bytes=32 time=43ms TTL=40
Reply from 74.125.24.113: bytes=32 time=34ms TTL=40
Reply from 74.125.24.113: bytes=32 time=47ms TTL=40
Reply from 74.125.24.113: bytes=32 time=55ms TTL=40
Reply from 74.125.24.113: bytes=32 time=36ms TTL=40
Reply from 74.125.24.113: bytes=32 time=53ms TTL=40
Reply from 74.125.24.113: bytes=32 time=68ms TTL=40
```

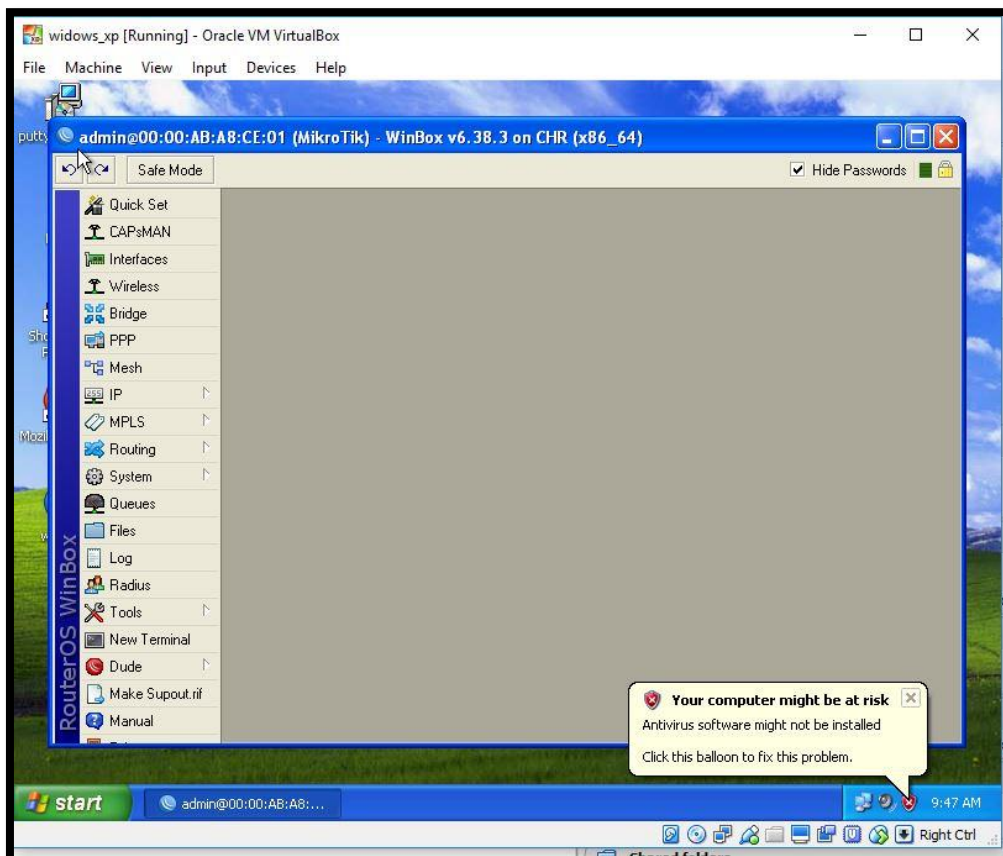
3. Buat topologi di GNS → Cloud 3 (Aktual PC), Cloud 4 (Virtual PC)



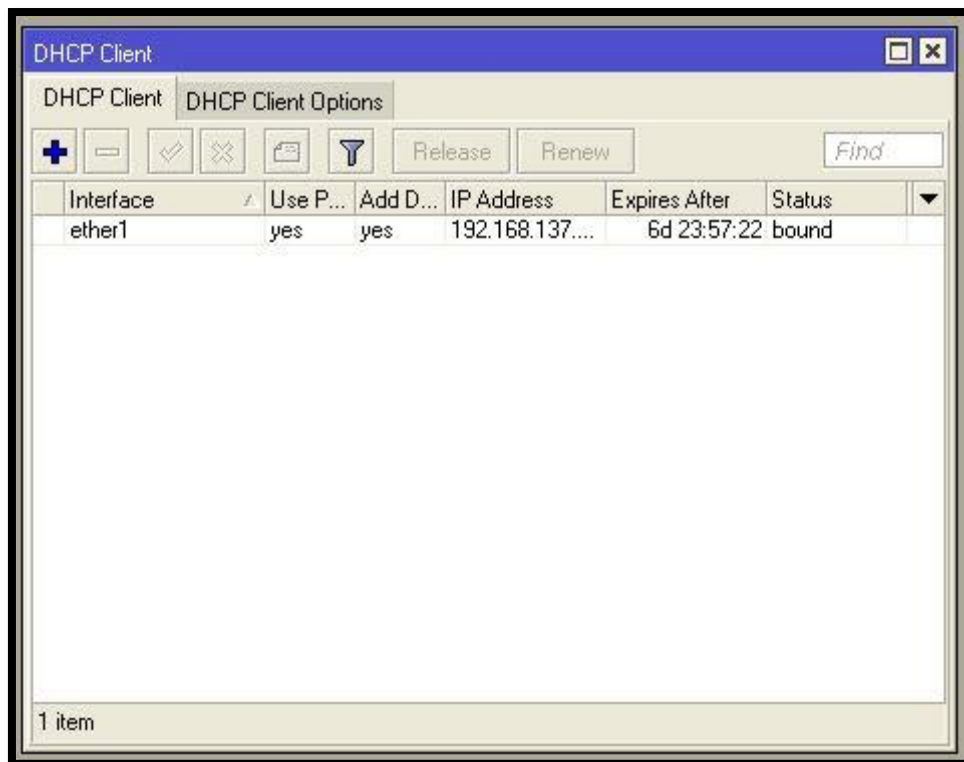
4. buka virtual windows XP



5. Buka Winbox



6. lakukan setup DHCP client untuk memperoleh koneksi dari cloud

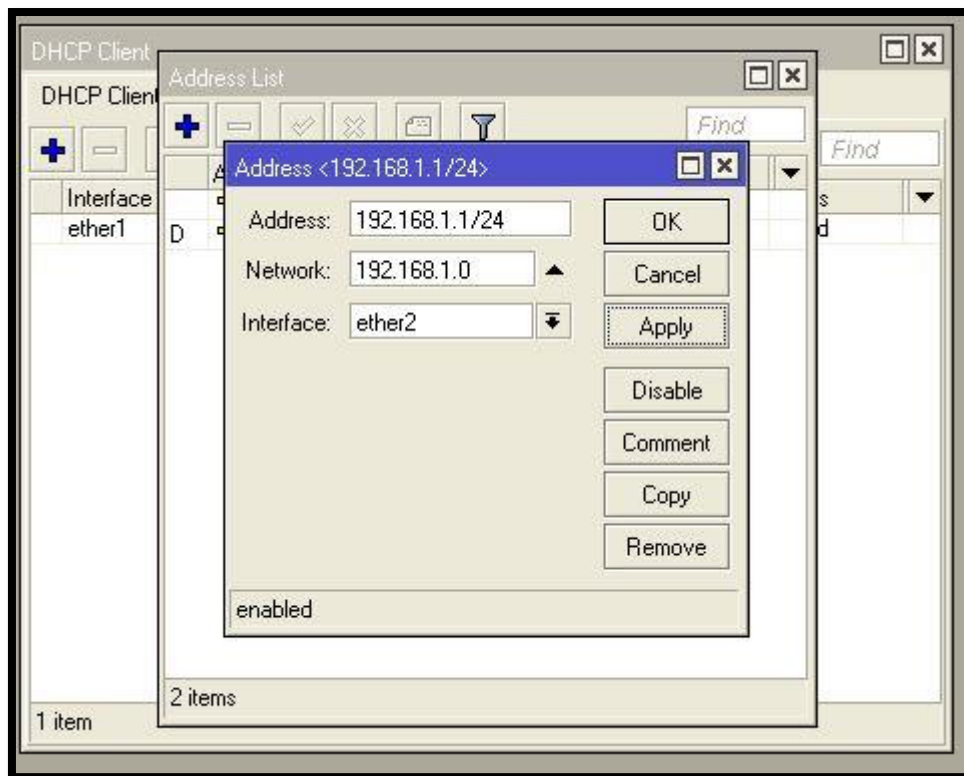


7. lakukan tes koneksi dari router ke google

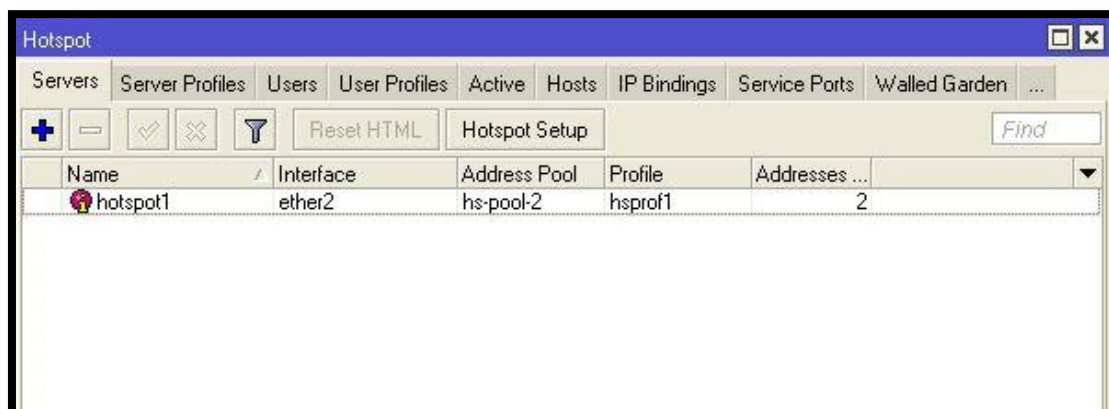
```
[admin@MikroTik] > ping google.com
```

SEQ	HOST	SIZE	TTL	TIME	STATUS
0	172.217.194.102	56	38	232ms	
1	172.217.194.102	56	38	164ms	
2	172.217.194.102	56	38	76ms	
3	172.217.194.102	56	38	69ms	
3	172.217.194.102	56	38	70ms	
3	172.217.194.102	56	38	82ms	
4	172.217.194.102	56	38	326ms	

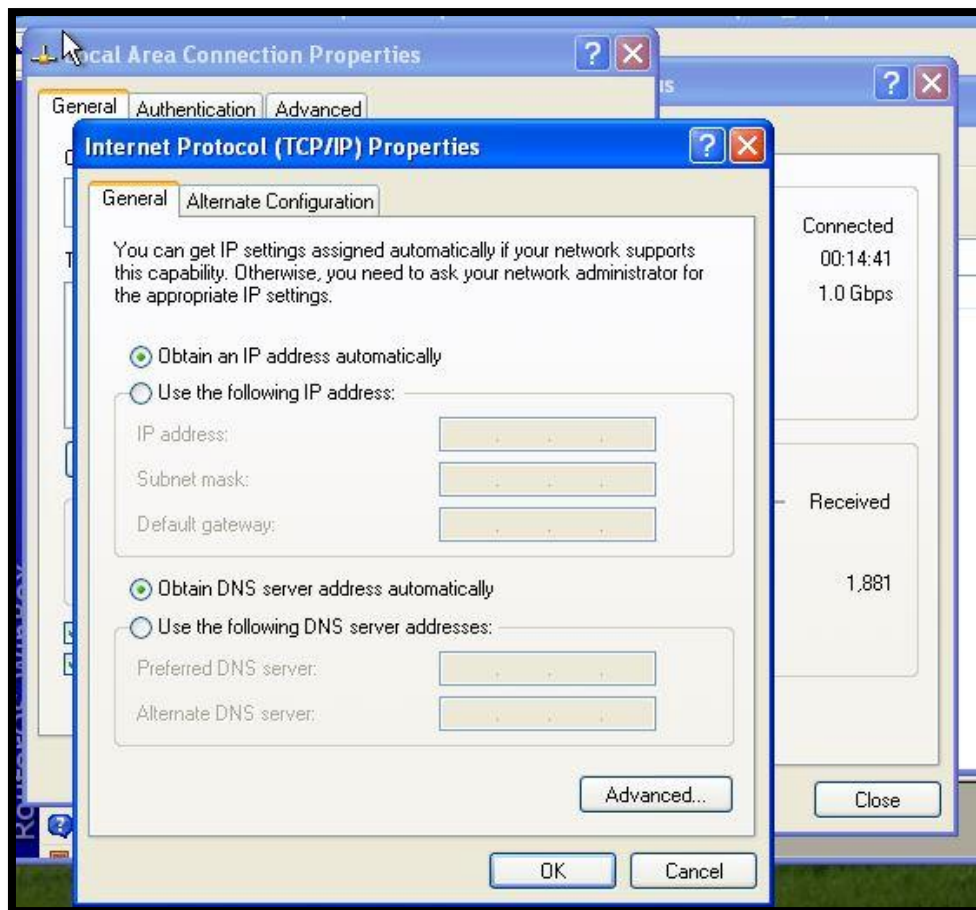
8. tambahkan address untuk eth 2 yaitu untuk client



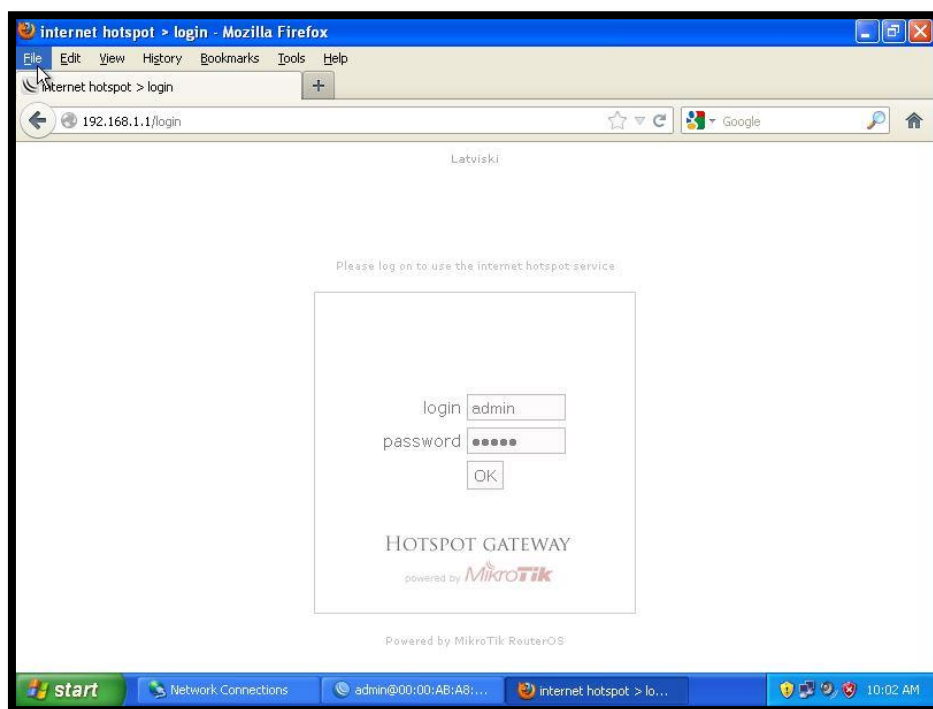
9. Konfigurasi hotspot setup untuk eth2



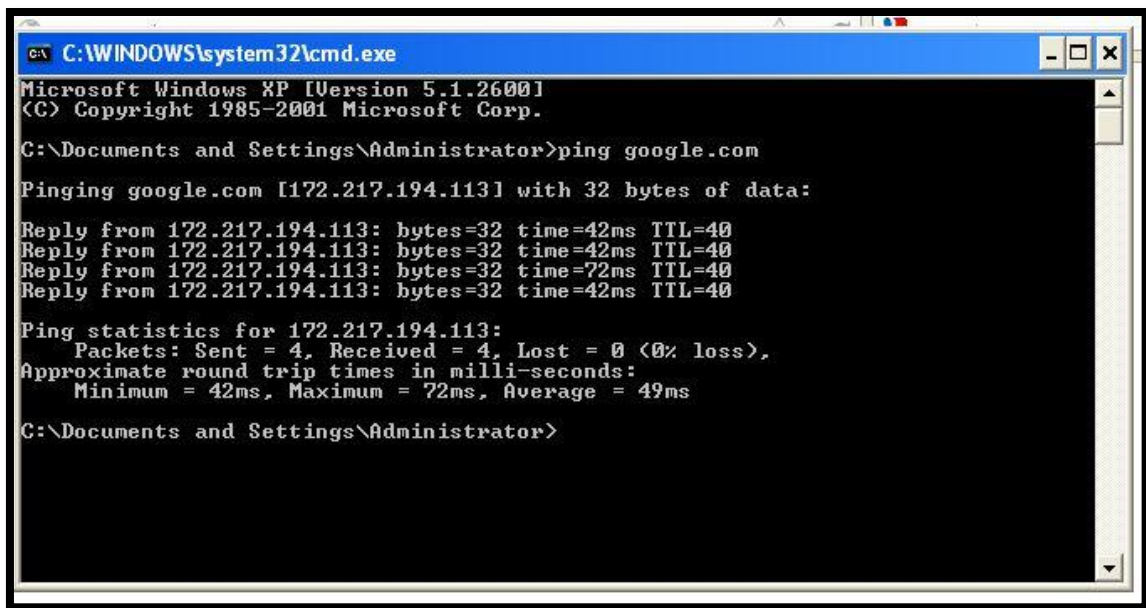
10. Setting IP Client – Obtain



11. Lakukan login hotspot



12. Lakukan Tes koneksi dari client virtual ke Google



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Administrator>ping google.com

Pinging google.com [172.217.194.113] with 32 bytes of data:

Reply from 172.217.194.113: bytes=32 time=42ms TTL=40
Reply from 172.217.194.113: bytes=32 time=42ms TTL=40
Reply from 172.217.194.113: bytes=32 time=72ms TTL=40
Reply from 172.217.194.113: bytes=32 time=42ms TTL=40

Ping statistics for 172.217.194.113:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 42ms, Maximum = 72ms, Average = 49ms

C:\Documents and Settings\Administrator>
```

13. Coba buka internet

