

## Fundamental Networking

### ACTIVITY 4

(tracert dan netstat)

*Simpan hasil kerja dalam word dengan format : pert4\_Act1\_nama\_npm.docx*

- A. Lakukan tracert pada windows kalian melalui command prompt seperti contoh berikut, buat screenshoot, kemudian beri kesimpulan atas hasil yang didapat! (poin 50)



```
C:\Users\Kenewae>tracert google.com

Tracing route to google.com [173.194.117.66]
over a maximum of 30 hops:
  0  2 ms  2 ms  1 ms  192.168.15.1
  1  5 ms  7 ms  *  192.168.15.1
  2 145 ms 144 ms 144 ms 192.168.254.254
  3 142 ms 144 ms 145 ms 202.125.94.17
  4 149 ms 160 ms 144 ms int-core2-depok-idc3d-backbone3.gunadarma.net [202.125.94.21]
  5 150 ms 143 ms 143 ms 180.240.191.165
  6 196 ms 208 ms 263 ms 180.240.190.13
  7 211 ms * 236 ms 72.14.221.190
  8 * 173 ms 172 ms 209.85.243.156
  9 167 ms 170 ms * 209.85.244.117
 10 * * * Request timed out.
 11 * * * sin01s16-in-f2.1e100.net [173.194.117.66]
 12 159 ms 169 ms * sin01s16-in-f2.1e100.net [173.194.117.66]
 13 * 167 ms 165 ms sin01s16-in-f2.1e100.net [173.194.117.66]

Trace complete.

C:\Users\Kenewae>
```

1. materi-lepkom.com
2. test-lepkom.com
3. facebook.com

- B. Lakukan netstat pada windows kalian melalui command prompt seperti contoh berikut, buat screenshoot, kemudian beri kesimpulan atas hasil yang didapat! (poin 50)

C:\Users\Kenewae>netstat

Active Connections

Proto	Local Address	Foreign Address	State
TCP	127.0.0.1:1028	Kenewae-PC:5354	ESTABLISHED
TCP	127.0.0.1:1030	Kenewae-PC:5354	ESTABLISHED
TCP	127.0.0.1:1040	Kenewae-PC:1041	ESTABLISHED
TCP	127.0.0.1:1041	Kenewae-PC:1040	ESTABLISHED
TCP	127.0.0.1:1042	Kenewae-PC:5939	ESTABLISHED
TCP	127.0.0.1:1048	Kenewae-PC:20371	ESTABLISHED
TCP	127.0.0.1:2869	Kenewae-PC:50787	TIME_WAIT
TCP	127.0.0.1:2869	Kenewae-PC:50789	TIME_WAIT
TCP	127.0.0.1:2869	Kenewae-PC:50791	TIME_WAIT
TCP	127.0.0.1:5354	Kenewae-PC:1028	ESTABLISHED
TCP	127.0.0.1:5354	Kenewae-PC:1030	ESTABLISHED
TCP	127.0.0.1:5939	Kenewae-PC:1042	ESTABLISHED
TCP	127.0.0.1:20371	Kenewae-PC:1048	ESTABLISHED
TCP	192.168.1.139:50574	server10010:https	ESTABLISHED
TCP	192.168.1.139:50611	channelproxy-shv-13-prn1:https	ESTABLISHED
TCP	192.168.1.139:50621	dfw06s38-in-f15:https	ESTABLISHED
TCP	192.168.1.139:50630	sa-in-f191:https	ESTABLISHED
TCP	192.168.1.139:50661	ni-in-f125:https	ESTABLISHED
TCP	192.168.1.139:50748	sin01s16-in-f5:https	ESTABLISHED

C:\Users\Kenewae>

C:\Users\Kenewae>netstat -n

Active Connections

Proto	Local Address	Foreign Address	State
TCP	127.0.0.1:1028	127.0.0.1:5354	ESTABLISHED
TCP	127.0.0.1:1030	127.0.0.1:5354	ESTABLISHED
TCP	127.0.0.1:1040	127.0.0.1:1041	ESTABLISHED
TCP	127.0.0.1:1041	127.0.0.1:1040	ESTABLISHED
TCP	127.0.0.1:1042	127.0.0.1:5939	ESTABLISHED
TCP	127.0.0.1:1048	127.0.0.1:20371	ESTABLISHED
TCP	127.0.0.1:2869	127.0.0.1:50696	TIME_WAIT
TCP	127.0.0.1:2869	127.0.0.1:50698	TIME_WAIT
TCP	127.0.0.1:2869	127.0.0.1:50700	TIME_WAIT
TCP	127.0.0.1:5354	127.0.0.1:1028	ESTABLISHED
TCP	127.0.0.1:5354	127.0.0.1:1030	ESTABLISHED
TCP	127.0.0.1:5939	127.0.0.1:1042	ESTABLISHED
TCP	127.0.0.1:20371	127.0.0.1:1048	ESTABLISHED
TCP	192.168.1.139:50571	173.252.112.23:443	ESTABLISHED
TCP	192.168.1.139:50574	87.230.58.23:443	ESTABLISHED
TCP	192.168.1.139:50575	173.194.126.19:443	ESTABLISHED
TCP	192.168.1.139:50589	173.194.117.66:443	ESTABLISHED
TCP	192.168.1.139:50594	168.63.124.19:80	FIN_WAIT_1
TCP	192.168.1.139:50595	173.194.117.75:443	ESTABLISHED
TCP	192.168.1.139:50603	173.194.117.71:443	ESTABLISHED
TCP	192.168.1.139:50608	74.125.200.84:443	ESTABLISHED
TCP	192.168.1.139:50611	69.171.235.16:443	ESTABLISHED
TCP	192.168.1.139:50621	74.125.227.239:443	ESTABLISHED
TCP	192.168.1.139:50623	173.194.117.75:80	ESTABLISHED
TCP	192.168.1.139:50624	74.125.200.95:80	ESTABLISHED
TCP	192.168.1.139:50625	74.125.200.95:80	ESTABLISHED
TCP	192.168.1.139:50627	74.125.200.95:80	ESTABLISHED
TCP	192.168.1.139:50628	74.125.200.95:80	ESTABLISHED
TCP	192.168.1.139:50629	74.125.200.95:80	ESTABLISHED
TCP	192.168.1.139:50630	74.125.200.191:443	ESTABLISHED
TCP	192.168.1.139:50633	74.125.200.95:443	ESTABLISHED
TCP	192.168.1.139:50637	173.194.117.76:80	ESTABLISHED

1. netstat
2. netstat -n