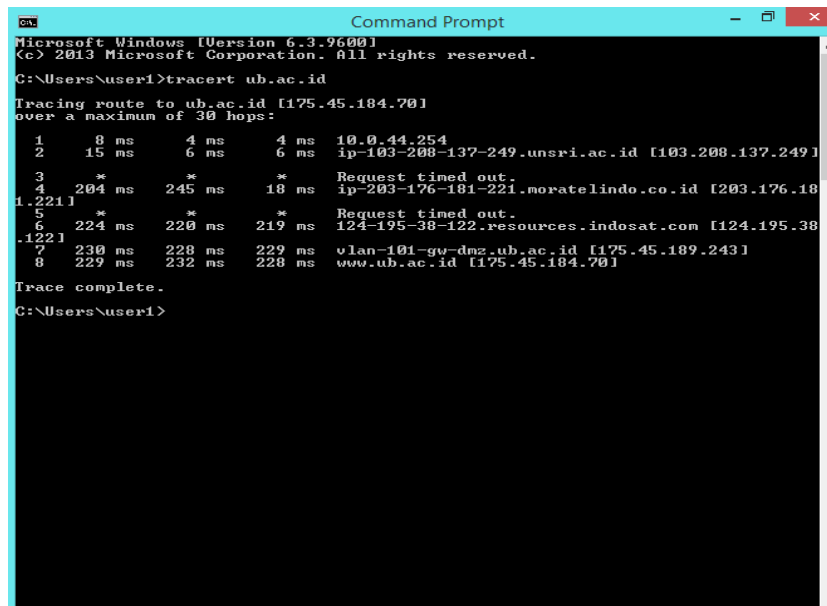


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## TRACERT WEBSITE

### 1. WEBSITE DALAM NEGERI: Website Universitas Brawijaya

#### a. Website dalam negeri menggunakan Unsri Trial



```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

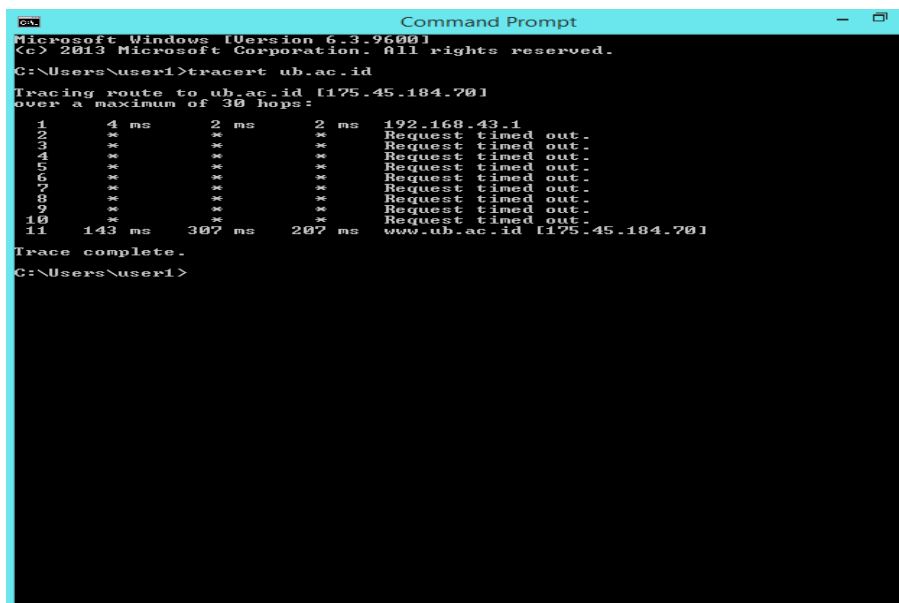
C:\Users\user1>tracert ub.ac.id

Tracing route to ub.ac.id [175.45.184.70]
over a maximum of 30 hops:
  0  8 ms    4 ms    4 ms    10.0.44.254
  1  15 ms   6 ms    6 ms    ip-103-208-137-249.unsri.ac.id [103.208.137.249]
  2  *      *      *      Request timed out.
  3  *      *      *      Request timed out.
  4  204 ms  245 ms  18 ms   ip-203-176-181-221.moratelindo.co.id [203.176.181.221]
  5  *      *      *      Request timed out.
  6  224 ms  220 ms  219 ms  124-195-38-122.resources.indosat.com [124.195.38.122]
  7  230 ms  228 ms  229 ms  vlan-101-gw-dmz_ub.ac.id [175.45.189.243]
  8  229 ms  232 ms  228 ms  www.ub.ac.id [175.45.184.70]

Trace complete.

C:\Users\user1>
```

#### b. Website dalam negeri menggunakan Hotspot



```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\user1>tracert ub.ac.id

Tracing route to ub.ac.id [175.45.184.70]
over a maximum of 30 hops:
  0  4 ms    2 ms    2 ms    192.168.43.1
  1  *      *      *      Request timed out.
  2  *      *      *      Request timed out.
  3  *      *      *      Request timed out.
  4  *      *      *      Request timed out.
  5  *      *      *      Request timed out.
  6  *      *      *      Request timed out.
  7  *      *      *      Request timed out.
  8  *      *      *      Request timed out.
  9  *      *      *      Request timed out.
 10  *      *      *      Request timed out.
 11  143 ms  307 ms  207 ms  www.ub.ac.id [175.45.184.70]

Trace complete.

C:\Users\user1>
```

2. Website Luar Negeri : Google.com

a. Website luar negeri menggunakan hotspot pribadi

```
C:\Users\user1>tracert google.com
Tracing route to google.com [172.217.160.141]
over a maximum of 30 hops:
  0  3 ms  4 ms  10 ms  172.20.10.1
  1  *      *      *      Request timed out.
  2  *      *      *      Request timed out.
  3  *      *      *      Request timed out.
  4  697 ms 2262 ms 182 ms 202 ms 118.98.84.113
  5  125 ms 305 ms 108 ms 180.240.191.46
  6  199 ms 304 ms 100 ms 180.240.191.45
  7  *      *      *      Request timed out.
  8  64 ms 56 ms 52 ms 180.240.204.140
  9  118 ms 99 ms 88 ms 72.14.233.88
 10  211 ms 204 ms 97 ms 72.14.242.33
 11  91 ms 310 ms 700 ms 72.14.232.101
 12  987 ms 307 ms 121 ms 172.217.160.141

Trace complete.
C:\Users\user1>
```

b. Website luar negeri menggunakan Unsri Trial

```
C:\Users\user1>tracert google.com
Tracing route to google.com [172.217.24.110]
over a maximum of 30 hops:
  0  31 ms  58 ms  36 ms  10.0.44.254
  1  103 ms 1002 ms 54 ms ip-103-208-137-249.unsri.ac.id [103.208.137.249]
  2  *      142 ms *      ip-179-53.moratelindo.co.id [202.43.179.53]
  3  61 ms 127 ms 68 ms 103.66.199.5
  4  281 ms 87 ms 334 ms ip-176-110.moratelindo.co.id [202.43.176.110]
  5  189 ms 435 ms 82 ms 108.170.240.225
  6  *      317 ms 258 ms 108.170.235.209
  7  *      233 ms 345 ms sin10s07-in-f14.1e100.net [172.217.24.110]
  8  *      *      *      Request timed out.

Trace complete.
C:\Users\user1>
```

# Perbandingan Website Luar Negeri dan Dalam Negeri

## HOSTING SERVER INDONESIA (IIX)

- (+) cepat diakses dari mana saja karena USA adalah simpul dari internet dunia
- (+) mudah diakses oleh website–website crawler seperti Google, Yahoo, MSN, dan lain–lain
- (-) kecepatan aksesnya dari dalam negeri (Indonesia) kalah jika dibandingkan dengan server yang berlokasi di Indonesia

## HOSTING SERVER INDONESIA (IIX)

- (+) sangat cepat diakses dari dalam negeri (Indonesia) karena routingsnya pendek
- (+) tidak terpengaruh oleh kondisi konektivitas internasional dari ISP Indonesia yang digunakan pelanggan
- (-) relatif lebih lambat jika diakses dari luar negeri