

Source and Destination on Different Continents

```
taowang@Taos-MacBook-Air ~ % traceroute gamer.com.tw
traceroute: Warning: gamer.com.tw has multiple addresses; using 104.16.182.30
traceroute to gamer.com.tw (104.16.182.30), 64 hops max, 52 byte packets
   10.12.159.1 (10.12.159.1) 27.572 ms 22.331 ms 13.965 ms
   12.138.185.185 (12.138.185.185)
                                    16.080 ms
                                               15.898 ms 17.901 ms
   32.132.237.13 (32.132.237.13)
                                  27.916 ms 16.519 ms
                                                        22.594 ms
4 12.123.155.82 (12.123.155.82)
                                  29.257 ms 33.504 ms
   12.123.155.86 (12.123.155.86)
                                  23.999 ms
                                         31.368 ms 31.493 ms 17.837 ms
   sffca22crs.ip.att.net (12.122.18.14)
6 sffca402igs.ip.att.net (12.122.114.29) 26.014 ms
   12.122.149.137 (12.122.149.137)
                                    20.035 ms
   sffca402igs.ip.att.net (12.122.114.29)
                                           68.762 ms
   192.205.37.58 (192.205.37.58) 31.308 ms 24.391 ms 17.893 ms
8 ae-9.r24.snjsca04.us.bb.gin.ntt.net (129.250.2.2) 46.775 ms
   ae-9.r25.snjsca04.us.bb.gin.ntt.net (129.250.3.102) 33.112 ms
                                                                   25.093 ms
   ae-0.a03.snjsca04.us.bb.gin.ntt.net (129.250.2.159) 59.827 ms *
   ae-1.a03.snjsca04.us.bb.gin.ntt.net (129.250.2.191) 47.470 ms
10
11 172.69.132.2 (172.69.132.2) 90.396 ms
   172.71.156.2 (172.71.156.2) 16.629 ms
   162.158.164.2 (162.158.164.2) 43.563 ms
12 104.16.182.30 (104.16.182.30) 26.363 ms 25.222 ms 16.676 ms
Mean = \frac{26.363+25.222+16.676}{3} = 22.75 \ ms
```

Standard Deviation =

$$\sqrt{rac{(26.363-22.75)^2+(25.222-22.75)^2+(16.676-22.75)^2}{3}}=4.323\ ms$$

Number of Intervening Routers = 11

Different Domain:

- sffca22crs.ip.att.net
- sffca402igs.ip.att.net
- sffca402igs.ip.att.net
- ae-9.r24.snjsca04.us.bb.gin.ntt.net
- ae-9.r25.snjsca04.us.bb.gin.ntt.net
- ae-0.a03.snjsca04.us.bb.gin.ntt.net
- ae-1.a03.snjsca04.us.bb.gin.ntt.net