

1. Find your IPv6 address
  - @home = 2001:fb1:c4:f826:8988:1a10:285e:8900
  - @school = 2406:3100:1018:2::e99

2.

Ping www.google.com

Time	result	Average(ms)	%loss
9.52 pm	<p>Pinging www.google.com [2404:6800:4001:80e::2004] with 32 bytes of data: Reply from 2404:6800:4001:80e::2004: time=32ms Reply from 2404:6800:4001:80e::2004: time=37ms Reply from 2404:6800:4001:80e::2004: time=34ms Reply from 2404:6800:4001:80e::2004: time=55ms</p> <p>Ping statistics for 2404:6800:4001:80e::2004: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 32ms, Maximum = 55ms, Average = 39ms</p>	39 ms	0%

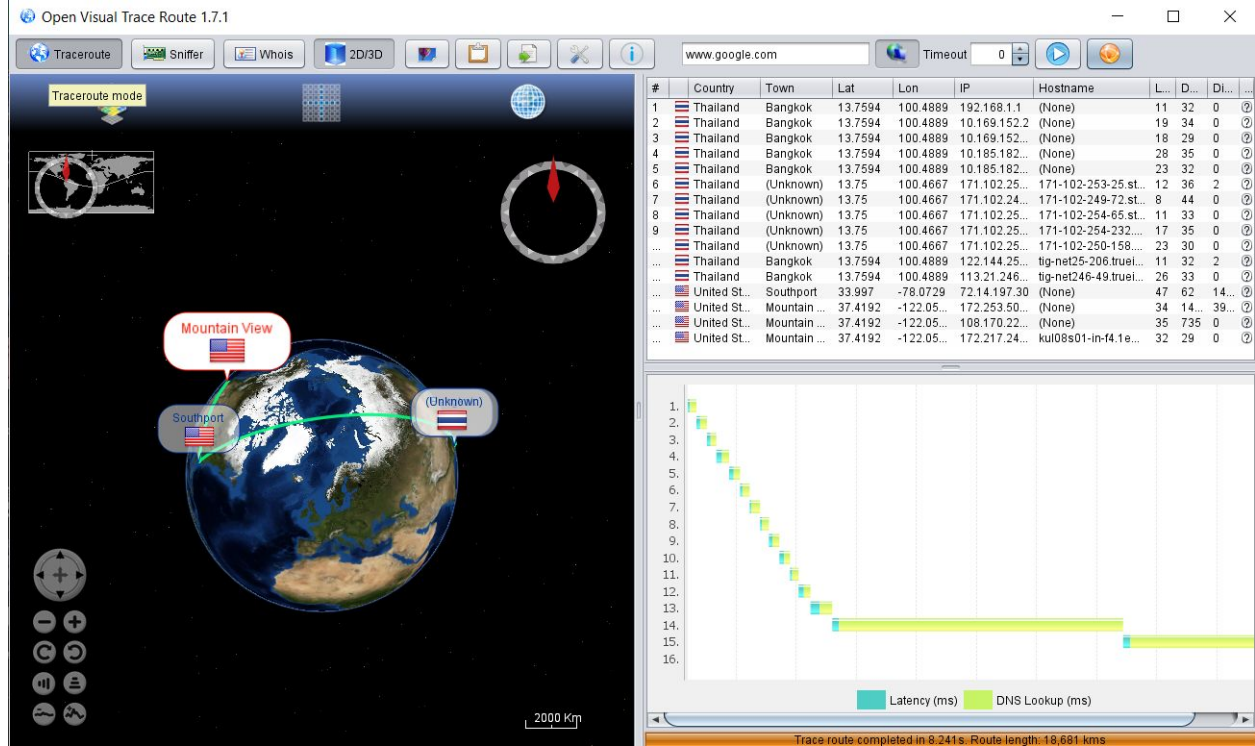
1:23 PM	<p>Pinging www.google.com [2404:6800:4001:800::2004] with 32 bytes of data: Reply from 2404:6800:4001:800::2004: time=26ms Reply from 2404:6800:4001:800::2004: time=25ms Reply from 2404:6800:4001:800::2004: time=25ms Reply from 2404:6800:4001:800::2004: time=24ms</p> <p>Ping statistics for 2404:6800:4001:800::2004: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 24ms, Maximum = 26ms, Average = 25ms</p>	25ms	0%
3:08 PM	<p>Pinging www.google.com [2404:6800:4001:800::2004] with 32 bytes of data: Reply from 2404:6800:4001:800::2004: time=24ms Reply from 2404:6800:4001:800::2004: time=24ms Reply from 2404:6800:4001:800::2004: time=30ms Reply from 2404:6800:4001:800::2004: time=98ms</p>	44ms	0%

	Ping statistics for 2404:6800:4001:800::2004: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 24ms, Maximum = 98ms, Average = 44ms		
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## Traceroute

Time	result
9:53 PM	<p>Tracing route to www.google.com [2404:6800:4001:80e::2004] over a maximum of 30 hops:</p> <pre> 1  *      *      *      Request timed out. 2  15 ms   3 ms   3 ms  2001:fb1:fe0:1c::41 3   7 ms  13 ms   5 ms  2001:fb1:fe0:1c::10 4  21 ms   4 ms   6 ms  2001:fb0:1099:99::235 5   8 ms   6 ms   6 ms  2001:fb0:1099:99::18a 6   9 ms  10 ms   7 ms  2001:fb0:1:83:171:102:250:1 7   9 ms  12 ms   5 ms  2001:fb0:1:25:171:102:254:232 8   5 ms  20 ms  20 ms  2001:fb0:1:9e:171:102:250:156 9  *      *      *      Request timed out. 10 *      *      *      Request timed out. 11 26 ms  30 ms  29 ms  2001:4860:1:1::3a0 12 33 ms  24 ms  45 ms  2404:6800:8087::1 13 25 ms  27 ms  35 ms  2001:4860:0:1::668 14 *      *      *      Request timed out. 15 27 ms  28 ms  25 ms  kul08s10-in-x04.1e100.net [2404:6800:4001:80e::2004]  Trace complete. </pre>
1:24 PM	<p>Tracing route to www.google.com [2404:6800:4001:800::2004] over a maximum of 30 hops:</p> <pre> 1   4 ms   4 ms   5 ms  2406:3100:1018:2::1 2   2 ms   3 ms   6 ms  2406:3100:1000:163c:: 3   2 ms   2 ms   2 ms  2406:3100:1000:1634::1 4   2 ms   3 ms   3 ms  2406:3100:1000:11a6::1 5   4 ms  11 ms  15 ms  2400:6280:0:101::5e </pre>

	<pre> 6  121 ms  101 ms  100 ms  2001:4860:1:1::2c8 7   35 ms   25 ms   27 ms  2001:4860:0:116b::1 8   *      *      *      Request timed out. 9   26 ms   35 ms   23 ms  kul08s11-in-x04.1e100.net [2404:6800:4001:800::2004]  Trace complete. </pre>
3:10 PM	<pre> Tracing route to www.google.com [2404:6800:4001:800::2004] over a maximum of 30 hops:   1   1 ms    2 ms    2 ms  2406:3100:1018:2::1  2   3 ms    4 ms    3 ms  2406:3100:1000:163c::  3   3 ms    3 ms    4 ms  2406:3100:1000:1634::1  4   4 ms    7 ms    7 ms  2406:3100:1000:11a6::1  5  21 ms   66 ms   51 ms  2400:6280:0:101::5e  6  23 ms   30 ms   27 ms  2001:4860:1:1::2c8  7  23 ms   27 ms   31 ms  2001:4860:0:116b::1  8   *      *      *      Request timed out.  9  24 ms   24 ms   23 ms  kul08s11-in-x04.1e100.net [2404:6800:4001:800::2004]  Trace complete. </pre>



www.pathosting.co.th

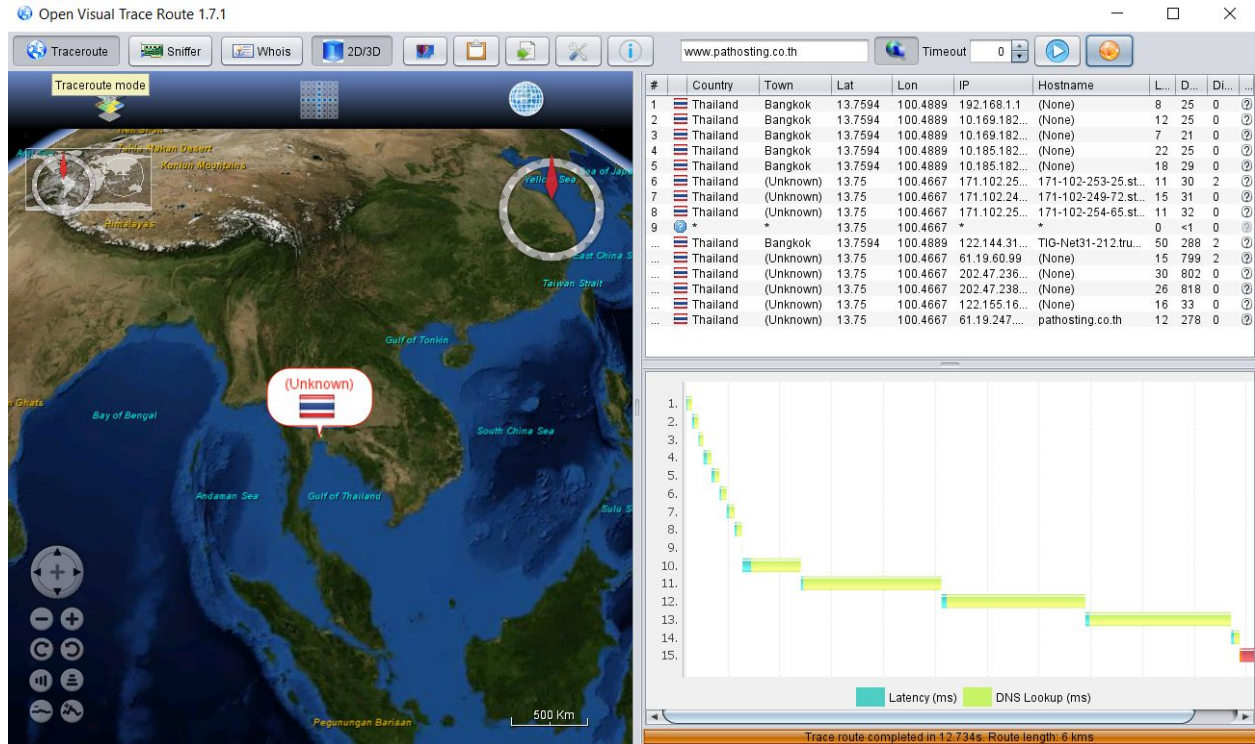
time	result	average( ms)	%loss
10:04 PM	<p>Pinging www.pathosting.co.th [61.19.247.253] with 32 bytes of data:  Reply from 61.19.247.253: bytes=32 time=13ms TTL=52  Reply from 61.19.247.253: bytes=32 time=9ms TTL=52  Reply from 61.19.247.253: bytes=32 time=9ms TTL=52  Reply from 61.19.247.253: bytes=32 time=25ms TTL=52</p> <p>Ping statistics for 61.19.247.253:  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  Approximate round trip times in milli-seconds:  Minimum = 9ms, Maximum = 25ms, Average = 14ms</p>		
1:26 PM	<p>Pinging www.pathosting.co.th [61.19.247.253] with 32 bytes of data:  Reply from 61.19.247.253: bytes=32 time=4ms TTL=55  Reply from 61.19.247.253: bytes=32 time=5ms TTL=55  Reply from 61.19.247.253: bytes=32 time=6ms TTL=55  Reply from 61.19.247.253: bytes=32 time=5ms TTL=55</p> <p>Ping statistics for 61.19.247.253:  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  Approximate round trip times in milli-seconds:  Minimum = 4ms, Maximum = 6ms, Average = 5ms</p>	5ms	0%
3:10 PM	<p>Pinging www.pathosting.co.th [61.19.247.253] with 32 bytes of data:  Reply from 61.19.247.253: bytes=32</p>	24ms	0%

	time=4ms TTL=55 Reply from 61.19.247.253: bytes=32 time=78ms TTL=55 Reply from 61.19.247.253: bytes=32 time=7ms TTL=55 Reply from 61.19.247.253: bytes=32 time=9ms TTL=55  Ping statistics for 61.19.247.253: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 4ms, Maximum = 78ms, Average = 24ms		
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## Traceroute

Time	result
10:05 PM	<p>Tracing route to www.pathosting.co.th [61.19.247.253] over a maximum of 30 hops:</p> <pre>   1  2 ms  1 ms  1 ms RTK_GW.ST-244F [192.168.1.1]   2 15 ms  3 ms  2 ms 10.169.182.230   3 10 ms  4 ms  3 ms 10.169.182.229   4 14 ms  7 ms  3 ms 10.185.182.198   5  3 ms  3 ms  3 ms 10.185.182.29   6 23 ms  6 ms  6 ms 171-102-253-25.static.asianet.co.th [171.102.253.25]   7  5 ms  9 ms  6 ms 171-102-249-72.static.asianet.co.th [171.102.249.72]   8  5 ms  6 ms  9 ms 171-102-254-65.static.asianet.co.th [171.102.254.65]   9  *      *      * Request timed out.  10  8 ms  6 ms  5 ms TIG-Net31-212.trueintergateway.com [122.144.31.212]  11 11 ms  9 ms  7 ms 61.19.60.99  12  6 ms  9 ms  8 ms 202.47.236.73  13 19 ms  7 ms  8 ms 202.47.238.234  14  6 ms  6 ms  9 ms 122.155.160.34  15  8 ms  6 ms  6 ms pathosting.co.th [61.19.247.253] </pre> <p>Trace complete.</p>
1:27 PM	Tracing route to www.pathosting.co.th [61.19.247.253]

	<p>over a maximum of 30 hops:</p> <pre> 1  2 ms  2 ms  2 ms 158.108.136.1 2 11 ms  5 ms 81 ms 10.0.13.132 3  5 ms  2 ms 4 ms 10.0.13.117 4  3 ms  2 ms 2 ms 10.0.0.6 5 11 ms  2 ms 4 ms 158.108.248.157 6  4 ms  4 ms 5 ms bkn-cr-01-gi-0-0-4-1-to-kasetsart-link-1.uni.net.th [202.28.213.37] 7 17 ms  3 ms 7 ms 202.28.218.109 8 14 ms 10 ms 4 ms 202.28.218.109 9 10 ms  6 ms 45 ms 61.19.60.99 10 6 ms  5 ms 5 ms 202.47.236.9 11 4 ms  4 ms 4 ms 202.47.238.226 12 12 ms 38 ms 10 ms 122.155.160.26 13 8 ms  3 ms 3 ms pathosting.co.th [61.19.247.253]  Trace complete.</pre>
3:12 PM	<p>Tracing route to www.pathosting.co.th [61.19.247.253] over a maximum of 30 hops:</p> <pre> 1 10 ms 57 ms 2 ms 158.108.136.1 2  2 ms 2 ms 6 ms 10.0.13.132 3  2 ms 1 ms 1 ms 10.0.13.117 4 17 ms 6 ms 6 ms 10.0.0.6 5  2 ms 2 ms 2 ms 158.108.248.157 6 135 ms 9 ms 9 ms bkn-cr-01-gi-0-0-4-1-to-kasetsart-link-1.uni.net.th [202.28.213.37] 7 15 ms 10 ms 6 ms 202.28.218.109 8  4 ms 4 ms 49 ms 202.28.218.109 9 21 ms 7 ms 14 ms 61.19.60.99 10 4 ms 7 ms 9 ms 202.47.236.9 11 32 ms 18 ms 5 ms 202.47.238.226 12 124 ms 81 ms 10 ms 122.155.160.26 13 9 ms 12 ms 9 ms pathosting.co.th [61.19.247.253]  Trace complete.</pre>



### Summary:

For each time when I test the ping and Traceroute average is unstable because different times different volumes of the network traffic.