C:\Users\E 555>color b

C:\Users\E 555>hostname

E555-037

C:\Users\E 555>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

Connection-specific DNS Suffix . :

IPv4 Address. . . . . . . . . . . : 172.16.12.224

Subnet Mask . . . . . . . . . . . : 255.255.240.0

Default Gateway . . . . . . . . . : 172.16.0.1

C:\Users\E 555>ipconfig /all

Windows IP Configuration

Host Name . . . . . . . . . . . . : E555-037

Primary Dns Suffix . . . . . . . :

Node Type . . . . . . . . . . . . : Hybrid

IP Routing Enabled. . . . . . . . : No

WINS Proxy Enabled. . . . . . . . : No

Ethernet adapter Ethernet:

Connection-specific DNS Suffix . :

Description . . . . . . . . . . . : Realtek PCIe GBE Family Controller

Physical Address. . . . . . . . . : EC-B1-D7-34-74-1C

DHCP Enabled. . . . . . . . . . . : Yes

Autoconfiguration Enabled . . . . : Yes

IPv4 Address. . . . . . . . . . . : 172.16.12.224(Preferred)

Subnet Mask . . . . . . . . . . . : 255.255.240.0

Lease Obtained. . . . . . . . . . : 29 October 2022 14:53:12

Lease Expires . . . . . . . . . . : 30 October 2022 14:53:11

Default Gateway . . . . . . . . . : 172.16.0.1

DHCP Server . . . . . . . . . . . : 172.16.0.1

DNS Servers . . . . . . . . . . . : 8.8.8.8

4.2.2.2

NetBIOS over Tcpip. . . . . . . . : Enabled

C:\Users\E 555>nslookup

Default Server: dns.google

Address: 8.8.8.8

> www.google.com

Server: dns.google

Address: 8.8.8.8

Non-authoritative answer:

Name: www.google.com

Addresses: 2404:6800:4009:821::2004

142.250.183.36

> ping 142.250.183.36

Server: [142.250.183.36]

Address: 142.250.183.36

DNS request timed out.

timeout was 2 seconds.

DNS request timed out.

timeout was 2 seconds.

\*\*\* Request to 142.250.183.36 timed-out

>

C:\Users\E 555>ping 142.250.183.36

Pinging 142.250.183.36 with 32 bytes of data:

Reply from 142.250.183.36: bytes=32 time=52ms TTL=114

Reply from 142.250.183.36: bytes=32 time=52ms TTL=114

Reply from 142.250.183.36: bytes=32 time=52ms TTL=114

Reply from 142.250.183.36: bytes=32 time=52ms TTL=114

Ping statistics for 142.250.183.36:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 52ms, Maximum = 52ms, Average = 52ms

C:\Users\E 555>tracert 142.250.183.36

Tracing route to bom12s11-in-f4.1e100.net [142.250.183.36]

over a maximum of 30 hops:

1 1 ms 1 ms 1 ms static-17.245.160.115-tataidc.co.in [115.160.245.17]

2 36 ms 36 ms 37 ms 115.242.248.225.static.jio.com [115.242.248.225]

3 \* \* \* Request timed out.

4 \* \* \* Request timed out.

5 \* \* \* Request timed out.

6 48 ms 48 ms 48 ms 74.125.244.197

7 56 ms 53 ms 53 ms 172.253.66.106

8 49 ms 46 ms 46 ms 209.85.243.48

9 46 ms 46 ms 46 ms 108.170.248.177

10 45 ms 45 ms 45 ms 142.250.239.171

11 52 ms 52 ms 52 ms bom12s11-in-f4.1e100.net [142.250.183.36]

Trace complete.

C:\Users\E 555>

C:\Users\E 555>

C:\Users\E 555>pathping 142.250.183.36

Tracing route to bom12s11-in-f4.1e100.net [142.250.183.36]

over a maximum of 30 hops:

0 E555-037 [172.16.12.224]

1 static-17.245.160.115-tataidc.co.in [115.160.245.17]

2 115.242.248.225.static.jio.com [115.242.248.225]

3 \* \* \*

Computing statistics for 50 seconds...

Source to Here This Node/Link

Hop RTT Lost/Sent = Pct Lost/Sent = Pct Address

0 E555-037 [172.16.12.224]

100/ 100 =100% |

1 --- 100/ 100 =100% 0/ 100 = 0% static-17.245.160.115-tataidc.co.in [115.160.245.17]

0/ 100 = 0% |

2 --- 100/ 100 =100% 0/ 100 = 0% 115.242.248.225.static.jio.com [115.242.248.225]

Trace complete.

Microsoft Windows [Version 10.0.19044.2130]

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C:\Users\E 555>nslookup

Default Server: dns.google

Address: 8.8.8.8

> www.facebook.com

Server: dns.google

Address: 8.8.8.8

Non-authoritative answer:

Name: star-mini.c10r.facebook.com

Addresses: 2a03:2880:f16b:81:face:b00c:0:25de

157.240.1.35

Aliases: www.facebook.com

>

C:\Users\E 555>ping 157.240.1.35

Pinging 157.240.1.35 with 32 bytes of data:

Reply from 157.240.1.35: bytes=32 time=7ms TTL=56

Reply from 157.240.1.35: bytes=32 time=7ms TTL=56

Reply from 157.240.1.35: bytes=32 time=7ms TTL=56

Reply from 157.240.1.35: bytes=32 time=7ms TTL=56

Ping statistics for 157.240.1.35:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 7ms, Maximum = 7ms, Average = 7ms

C:\Users\E 555>tracert 157.240.1.35

Tracing route to edge-star-mini-shv-01-ccu1.facebook.com [157.240.1.35]

over a maximum of 30 hops:

1 <1 ms 1 ms 1 ms static-17.245.160.115-tataidc.co.in [115.160.245.17]

2 36 ms 36 ms 36 ms 115.242.248.225.static.jio.com [115.242.248.225]

3 \* \* \* Request timed out.

4 \* \* \* Request timed out.

5 \* \* \* Request timed out.

6 7 ms 7 ms 8 ms edge-star-mini-shv-01-ccu1.facebook.com [157.240.1.35]

Trace complete.

C:\Users\E 555>pathping 157.240.1.35

Tracing route to edge-star-mini-shv-01-ccu1.facebook.com [157.240.1.35]

over a maximum of 30 hops:

0 E555-037 [172.16.12.224]

1 static-17.245.160.115-tataidc.co.in [115.160.245.17]

2 115.242.248.225.static.jio.com [115.242.248.225]

3 \* \* \*

Computing statistics for 50 seconds...

Source to Here This Node/Link

Hop RTT Lost/Sent = Pct Lost/Sent = Pct Address

0 E555-037 [172.16.12.224]

0/ 100 = 0% |

1 0ms 0/ 100 = 0% 0/ 100 = 0% static-17.245.160.115-tataidc.co.in [115.160.245.17]

1/ 100 = 1% |

2 36ms 1/ 100 = 1% 0/ 100 = 0% 115.242.248.225.static.jio.com [115.242.248.225]

Trace complete.

C:\Users\E 555>nslookup

Default Server: dns.google

Address: 8.8.8.8

> www.youtube.com

Server: dns.google

Address: 8.8.8.8

Non-authoritative answer:

Name: youtube-ui.l.google.com

Addresses: 2404:6800:4009:80b::200e

2404:6800:4009:80e::200e

2404:6800:4009:831::200e

2404:6800:4009:814::200e

172.217.160.206

172.217.166.174

142.251.42.78

142.250.67.238

172.217.174.78

142.250.77.46

142.250.77.78

142.250.182.206

142.250.182.238

142.250.183.14

142.250.183.142

142.250.183.174

142.250.183.206

142.250.66.14

142.250.199.142

142.250.199.174

Aliases: www.youtube.com

>

C:\Users\E 555>ping 172.217.160.206

Pinging 172.217.160.206 with 32 bytes of data:

Reply from 172.217.160.206: bytes=32 time=48ms TTL=113

Reply from 172.217.160.206: bytes=32 time=48ms TTL=113

Reply from 172.217.160.206: bytes=32 time=48ms TTL=113

Reply from 172.217.160.206: bytes=32 time=48ms TTL=113

Ping statistics for 172.217.160.206:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 48ms, Maximum = 48ms, Average = 48ms

Tracing route to bom07s16-in-f14.1e100.net [172.217.160.206]

over a maximum of 30 hops:

1 1 ms <1 ms <1 ms static-17.245.160.115-tataidc.co.in [115.160.245.17]

2 36 ms 44 ms 39 ms 115.242.248.225.static.jio.com [115.242.248.225]

3 \* \* \* Request timed out.

4 \* \* \* Request timed out.

5 \* \* \* Request timed out.

6 49 ms 108 ms 49 ms 74.125.243.97

7 50 ms 50 ms 50 ms 74.125.243.101

8 56 ms 56 ms 55 ms 142.250.232.90

9 55 ms 55 ms 55 ms 216.239.54.92

10 48 ms 48 ms 48 ms 108.170.248.193

11 55 ms 53 ms 52 ms 216.239.47.149

12 49 ms 48 ms 48 ms bom07s16-in-f14.1e100.net [172.217.160.206]

Trace complete.

C:\Users\E 555>pathping 172.217.160.206

Tracing route to bom07s16-in-f14.1e100.net [172.217.160.206]

over a maximum of 30 hops:

0 E555-037 [172.16.12.224]

1 static-17.245.160.115-tataidc.co.in [115.160.245.17]

2 115.242.248.225.static.jio.com [115.242.248.225]

3 \* \* \*

Computing statistics for 50 seconds...

Source to Here This Node/Link

Hop RTT Lost/Sent = Pct Lost/Sent = Pct Address

0 E555-037 [172.16.12.224]

0/ 100 = 0% |

1 0ms 0/ 100 = 0% 0/ 100 = 0% static-17.245.160.115-tataidc.co.in [115.160.245.17]

0/ 100 = 0% |

2 37ms 0/ 100 = 0% 0/ 100 = 0% 115.242.248.225.static.jio.com [115.242.248.225]

Trace complete.