

1. Try Test-Connection and nslookup commands for below websites

- a. www.google.com
- b. www.facebook.com
- c. www.amazon.com
- d. www.github.com
- e. www.cisco.com

```
user@vishal-virtualbox:~$ ping -c 4 www.google.com
PING www.google.com (142.250.182.36) 56(84) bytes of data.
64 bytes from maa05s19-in-f4.1e100.net (142.250.182.36): icmp_seq=1 ttl=118 time=8.09 ms
64 bytes from maa05s19-in-f4.1e100.net (142.250.182.36): icmp_seq=2 ttl=118 time=3.43 ms
64 bytes from maa05s19-in-f4.1e100.net (142.250.182.36): icmp_seq=3 ttl=118 time=3.66 ms
64 bytes from maa05s19-in-f4.1e100.net (142.250.182.36): icmp_seq=4 ttl=118 time=3.73 ms

--- www.google.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3063ms
rtt min/avg/max/mdev = 3.434/4.726/8.089/1.944 ms
user@vishal-virtualbox:~$ nslookup www.google.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Name:   www.google.com
Address: 142.250.182.36
Name:   www.google.com
Address: 2404:6800:4007:81a::2004
```

```
user@vishal-virtualbox:~$ ping -c 4 www.facebook.com
PING star-mini.c10r.facebook.com (157.240.192.35) 56(84) bytes of data.
64 bytes from edge-star-mini-shv-02-maa2.facebook.com (157.240.192.35): icmp_seq=1 ttl=57 time=6.45 ms
64 bytes from edge-star-mini-shv-02-maa2.facebook.com (157.240.192.35): icmp_seq=2 ttl=57 time=2.70 ms
64 bytes from edge-star-mini-shv-02-maa2.facebook.com (157.240.192.35): icmp_seq=3 ttl=57 time=2.97 ms
64 bytes from edge-star-mini-shv-02-maa2.facebook.com (157.240.192.35): icmp_seq=4 ttl=57 time=3.90 ms

--- star-mini.c10r.facebook.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3007ms
rtt min/avg/max/mdev = 2.702/4.005/6.451/1.479 ms
user@vishal-virtualbox:~$ nslookup www.facebook.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
www.facebook.com canonical name = star-mini.c10r.facebook.com.
Name:   star-mini.c10r.facebook.com
Address: 157.240.192.35
Name:   star-mini.c10r.facebook.com
Address: 2a03:2880:f137:182:face:b00c:0:25de
```

```
user@vishal-virtualbox:~$ ping -c 4 www.amazon.com
PING d3ag4hukkh62yn.cloudfront.net (108.159.17.235) 56(84) bytes of data.
64 bytes from server-108-159-17-235.maa51.r.cloudfront.net (108.159.17.235): icmp_seq=1 ttl=249 time=10.3 ms
64 bytes from server-108-159-17-235.maa51.r.cloudfront.net (108.159.17.235): icmp_seq=2 ttl=249 time=3.79 ms
64 bytes from server-108-159-17-235.maa51.r.cloudfront.net (108.159.17.235): icmp_seq=3 ttl=249 time=3.99 ms
64 bytes from server-108-159-17-235.maa51.r.cloudfront.net (108.159.17.235): icmp_seq=4 ttl=249 time=3.13 ms

--- d3ag4hukkh62yn.cloudfront.net ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3016ms
rtt min/avg/max/mdev = 3.134/5.291/10.251/2.880 ms
user@vishal-virtualbox:~$ nslookup www.amazon.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
www.amazon.com canonical name = tp.47cf2c8c9-frontier.amazon.com.
tp.47cf2c8c9-frontier.amazon.com canonical name = d3ag4hukkh62yn.cloudfront.net.
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 108.159.17.235
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 2600:9000:257a:c000:7:49a5:5fd4:b121
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 2600:9000:257a:6200:7:49a5:5fd4:b121
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 2600:9000:257a:b000:7:49a5:5fd4:b121
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 2600:9000:257a:9400:7:49a5:5fd4:b121
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 2600:9000:257a:8e00:7:49a5:5fd4:b121
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 2600:9000:257a:6c00:7:49a5:5fd4:b121
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 2600:9000:257a:5e00:7:49a5:5fd4:b121
Name:   d3ag4hukkh62yn.cloudfront.net
Address: 2600:9000:257a:d200:7:49a5:5fd4:b121
```

```
user@vishal-virtualbox:~$ ping -c 4 www.github.com
PING github.com (20.207.73.82) 56(84) bytes of data.
64 bytes from 20.207.73.82: icmp_seq=1 ttl=115 time=28.7 ms
64 bytes from 20.207.73.82: icmp_seq=2 ttl=115 time=21.0 ms
64 bytes from 20.207.73.82: icmp_seq=3 ttl=115 time=21.1 ms
64 bytes from 20.207.73.82: icmp_seq=4 ttl=115 time=20.8 ms

--- github.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3006ms
rtt min/avg/max/mdev = 20.835/22.910/28.702/3.344 ms
user@vishal-virtualbox:~$ nslookup www.github.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
www.github.com canonical name = github.com.
Name:   github.com
Address: 20.207.73.82
```

```
user@vishal-virtualbox:~$ ping -c 4 www.cisco.com
PING e2867.dsca.akamaiedge.net (23.209.254.61) 56(84) bytes of data.
64 bytes from a23-209-254-61.deploy.static.akamaitechnologies.com (23.209.254.61): icmp_seq=1 ttl=58 time=14.5 ms
64 bytes from a23-209-254-61.deploy.static.akamaitechnologies.com (23.209.254.61): icmp_seq=2 ttl=58 time=3.63 ms
64 bytes from a23-209-254-61.deploy.static.akamaitechnologies.com (23.209.254.61): icmp_seq=3 ttl=58 time=3.34 ms
64 bytes from a23-209-254-61.deploy.static.akamaitechnologies.com (23.209.254.61): icmp_seq=4 ttl=58 time=2.93 ms

--- e2867.dsca.akamaiedge.net ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3005ms
rtt min/avg/max/mdev = 2.928/6.102/14.511/4.861 ms
user@vishal-virtualbox:~$ nslookup www.cisco.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
www.cisco.com canonical name = www.cisco.com.akadns.net.
www.cisco.com.akadns.net canonical name = wwwds.cisco.com.edgekey.net.
wwwds.cisco.com.edgekey.net canonical name = wwwds.cisco.com.edgekey.net.globalredir.akadns.net.
wwwds.cisco.com.edgekey.net.globalredir.akadns.net canonical name = e2867.dsca.akamaiedge.net.
Name:   e2867.dsca.akamaiedge.net
Address: 23.209.254.61
Name:   e2867.dsca.akamaiedge.net
Address: 2600:140f:3:f93:b33
Name:   e2867.dsca.akamaiedge.net
Address: 2600:140f:3:f95:b33
```