Ping - Testing connectivity
Nslookup - Checks DNS records and domain name

```
C:\Users\Admin>ping www.google.com

Pinging www.google.com [142.250.196.36] with 32 bytes of data:
Reply from 142.250.196.36: bytes=32 time=10ms TTL=118
Reply from 142.250.196.36: bytes=32 time=10ms TTL=118
Reply from 142.250.196.36: bytes=32 time=10ms TTL=118
Reply from 142.250.196.36: bytes=32 time=10ms TTL=118

Ping statistics for 142.250.196.36:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 10ms, Average = 10ms

C:\Users\Admin>nslookup www.google.com
Server:  dlinkrouter
Address:  192.168.0.1

Non-authoritative answer:
Name:    www.google.com
Addresses:  2404:6800:4007:820::2004
          142.250.196.36
```

```
C:\Users\Admin>ping www.amazon.com

Pinging d3ag4hukkh62yn.cloudfront.net [18.67.156.60] with 32 bytes of data:
Reply from 18.67.156.60: bytes=32 time=10ms TTL=249
Reply from 18.67.156.60: bytes=32 time=10ms TTL=249
Reply from 18.67.156.60: bytes=32 time=10ms TTL=249
Reply from 18.67.156.60: bytes=32 time=10ms TTL=249

Ping statistics for 18.67.156.60:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 10ms, Average = 10ms

C:\Users\Admin>nslookup www.amazon.com
Server:  dlinkrouter
Address:  192.168.0.1

Non-authoritative answer:
Name:    d3ag4hukkh62yn.cloudfront.net
Addresses:  2600:9000:2241:9200:7:49a5:5fd4:b121
          2600:9000:2241:6c00:7:49a5:5fd4:b121
          2600:9000:2241:c00:7:49a5:5fd4:b121
          2600:9000:2241:e400:7:49a5:5fd4:b121
          2600:9000:2241:400:7:49a5:5fd4:b121
          2600:9000:2241:a00:7:49a5:5fd4:b121
          2600:9000:2241:5800:7:49a5:5fd4:b121
          2600:9000:2241:1a00:7:49a5:5fd4:b121
          18.67.156.60
Aliases:  www.amazon.com
          tp.47cf2c8c9-frontier.amazon.com
```

```
C:\Users\Admin>ping www.facebook.com

Pinging star-mini.c10r.facebook.com [163.70.139.35] with 32 bytes of data:
Reply from 163.70.139.35: bytes=32 time=10ms TTL=56
Reply from 163.70.139.35: bytes=32 time=10ms TTL=56
Reply from 163.70.139.35: bytes=32 time=10ms TTL=56
Reply from 163.70.139.35: bytes=32 time=10ms TTL=56

Ping statistics for 163.70.139.35:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 10ms, Average = 10ms

C:\Users\Admin>nslookup www.facebook.com
Server:  dlinkrouter
Address:  192.168.0.1

Non-authoritative answer:
Name:     star-mini.c10r.facebook.com
Addresses:  2a03:2880:f184:186:face:b00c:0:25de
          163.70.139.35
Aliases:  www.facebook.com
```

```
C:\Users\Admin>ping www.github.com

Pinging github.com [20.207.73.82] with 32 bytes of data:
Reply from 20.207.73.82: bytes=32 time=25ms TTL=113
Reply from 20.207.73.82: bytes=32 time=25ms TTL=113
Reply from 20.207.73.82: bytes=32 time=25ms TTL=113
Reply from 20.207.73.82: bytes=32 time=26ms TTL=113

Ping statistics for 20.207.73.82:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 25ms, Maximum = 26ms, Average = 25ms

C:\Users\Admin>nslookup www.github.com
Server:  dlinkrouter
Address:  192.168.0.1

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

```
C:\Users\Admin>ping www.cisco.com

Pinging e2867.dsca.akamaiedge.net [23.209.254.61] with 32 bytes of data:
Reply from 23.209.254.61: bytes=32 time=10ms TTL=59
Reply from 23.209.254.61: bytes=32 time=10ms TTL=59
Reply from 23.209.254.61: bytes=32 time=10ms TTL=59
Reply from 23.209.254.61: bytes=32 time=10ms TTL=59

Ping statistics for 23.209.254.61:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 10ms, Average = 10ms

C:\Users\Admin>nslookup www.cisco.com
Server:  dlinkrouter
Address:  192.168.0.1

Non-authoritative answer:
Name:     e2867.dsca.akamaiedge.net
Addresses:  2600:140f:3:f93::b33
            2600:140f:3:f95::b33
            23.209.254.61
Aliases:  www.cisco.com
          www.cisco.com.akadns.net
          wwwds.cisco.com.edgekey.net
          wwwds.cisco.com.edgekey.net.globalredir.akadns.net


C:\Users\Admin>
```