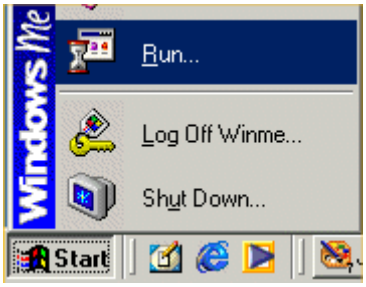
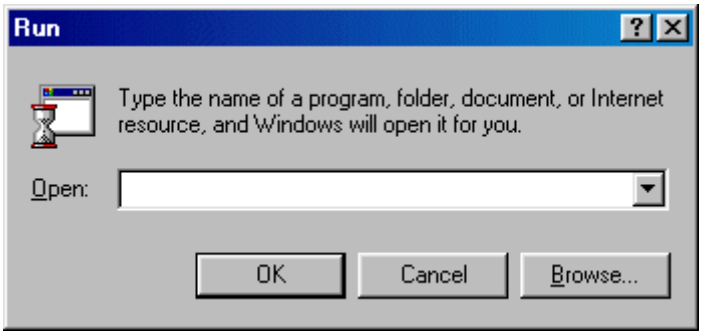
Windows® ME – Network Support

How to Use Ping

1. Select **Start**. Select **Run**.



2. Type **command**. Select **OK**.



3. At the blinking curser, type **ping www.qwest.com**. Select **Enter**. This will send ping packets to the address specified. If you see four "Reply from" messages, the connection is working.

```
C:\Documents and Settings>ping www.qwest.com

Pinging qwest.com [155.70.40.50] with 32 bytes of data:

Reply from 155.70.40.50: bytes=32 time=78ms TTL=52
Reply from 155.70.40.50: bytes=32 time=77ms TTL=52
Reply from 155.70.40.50: bytes=32 time=75ms TTL=52
Reply from 155.70.40.50: bytes=32 time=75ms TTL=52

Ping statistics for 155.70.40.50:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 75ms, Maximum = 78ms, Average = 76ms

C:\Documents and Settings>
```

4. You can also ping just an IP address. Type **ping** and the IP address. Select **Enter**. This will send ping packets to the address specified. If you see four "Reply from" messages, the connection is working.

```
C:\Documents and Settings>ping 155.70.40.50

Pinging 155.70.40.50 with 32 bytes of data:

Reply from 155.70.40.50: bytes=32 time=85ms TTL=52
Reply from 155.70.40.50: bytes=32 time=76ms TTL=52
Reply from 155.70.40.50: bytes=32 time=75ms TTL=52
Reply from 155.70.40.50: bytes=32 time=96ms TTL=52

Ping statistics for 155.70.40.50:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 75ms, Maximum = 96ms, Average = 83ms

C:\Documents and Settings>
```

5. To do a continuous ping, type **-t** at the end of your ping command. Select **Enter**. This will send continuous ping packets to the address specified. If you see "Reply from" messages, the connection is working. To stop the ping, select **Ctrl C** on the keyboard.

```
C:\Documents and Settings>ping 155.70.40.50 -t

Pinging 155.70.40.50 with 32 bytes of data:

Reply from 155.70.40.50: bytes=32 time=85ms TTL=52
Reply from 155.70.40.50: bytes=32 time=76ms TTL=52
Reply from 155.70.40.50: bytes=32 time=75ms TTL=52
Reply from 155.70.40.50: bytes=32 time=96ms TTL=52
Reply from 155.70.40.50: bytes=32 time=96ms TTL=52
Reply from 155.70.40.50: bytes=32 time=96ms TTL=52
Reply from 155.70.40.50: bytes=32 time=96ms TTL=52
Reply from 155.70.40.50: bytes=32 time=96ms TTL=52
Reply from 155.70.40.50: bytes=32 time=96ms TTL=52
Reply from 155.70.40.50: bytes=32 time=96ms TTL=52

C:\Documents and Settings>
```

6. Type **exit** at the prompt to return to Windows.

Additional Ping Commands

```
Usage:
                    ping [-t] [-a] [-n count] [-l size] [-f] [-i TTL] [-v TOS]
                    [-r count] [-s count] [[-j host-list] | [-k host-list]]
                    [-w timeout] target_name

Options:
    -t              Ping the specified host until stopped
                    To see statistics and continue, type Control-Break
                    To stop, type Control-C
    -a              Resolve addresses to hostnames
    -n count        Number of echo requests to send
    -l size         Send buffer size
    -f              Set Don't Fragment flag in packet
    -i TTL          Time To Live
    -v TOS          Type Of Service
    -r count        Record route for count hops
    -s count        Timestamp for count hops
    -j host-list    Loose source route along host-list
    -k host-list    Strict source route along host-list
    -w timeout      Timeout in milliseconds to wait for each reply
```