

Socket Programming 3 Screenshots

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IP Configuration Screenshot:

```
Last login: Fri Nov 15 16:22:44 on ttys000
10-21-171-115:~ ginajoerger$ ifconfig |grep inet
    inet 127.0.0.1 netmask 0xff000000
    inet6 ::1 prefixlen 128
    inet6 fe80::1%lo0 prefixlen 64 scopeid 0x1
    inet6 fe80::14db:fc2d:3923:5665%en0 prefixlen 64 secured scopeid 0x8
    inet 10.21.171.115 netmask 0xffff0000 broadcast 10.21.255.255
    inet6 fe80::d090:2fff:fe24:16c%awdl0 prefixlen 64 scopeid 0xe
    inet6 fe80::1331:a528:d08e:3d82%utun0 prefixlen 64 scopeid 0x10
    inet6 fe80::110c:765a:50cb:27f9%utun1 prefixlen 64 scopeid 0x11
    inet6 fe80::aede:48ff:fe00:1122%en5 prefixlen 64 scopeid 0x7
```

Sending Packets to LocalHost:

```
10-21-41-119:Socket Programming 3 ginajoerger$ chmod +x ./ICMP_Pinger.py
10-21-41-119:Socket Programming 3 ginajoerger$ sudo Python3 ./ICMP_Pinger.py
Pinging 127.0.0.1 using Python:

Received from: 127.0.0.1
    Byte(s) = 8
    Delay = 9
    TTL = 64
Received from: 127.0.0.1
    Byte(s) = 8
    Delay = 12
    TTL = 64
Received from: 127.0.0.1
    Byte(s) = 8
    Delay = 6
    TTL = 64
Received from: 127.0.0.1
    Byte(s) = 8
    Delay = 8
    TTL = 64
Received from: 127.0.0.1
    Byte(s) = 8
    Delay = 16
    TTL = 64

Packets Sent = 5, Packets Received = 5, Packets Lost = 0
```

Sending Packets to Asia (Japan) [www3.nhk.or.jp]:

```
10-21-41-119:Socket Programming 3 ginajoerger$ chmod +x ./ICMP_Pinger.py
10-21-41-119:Socket Programming 3 ginajoerger$ sudo Python3 ./ICMP_Pinger.py
Pinging 23.52.165.105 using Python:

Received from: 23.52.165.105
    Byte(s) = 8
    Delay = 443
    TTL = 52
Received from: 23.52.165.105
    Byte(s) = 8
    Delay = 418
    TTL = 52
Received from: 23.52.165.105
    Byte(s) = 8
    Delay = 410
    TTL = 52
Received from: 23.52.165.105
    Byte(s) = 8
    Delay = 414
    TTL = 52
Received from: 23.52.165.105
    Byte(s) = 8
    Delay = 4551
    TTL = 52
Sent: 5 bytes (5 packets) received: 5 bytes (5 packets)
Packets Sent = 5, Packets Received = 5, Packets Lost = 0
```

Sending Packets to Africa (Egypt) [www.youm7.com]:

```
10-21-41-119:Socket Programming 3 ginajoerger$ chmod +x ./ICMP_Pinger.py
10-21-41-119:Socket Programming 3 ginajoerger$ sudo Python3 ./ICMP_Pinger.py
Pinging 104.17.99.21 using Python:

Received from: 104.17.99.21
    Byte(s) = 8
    Delay = 392
    TTL = 53
Received from: 104.17.99.21
    Byte(s) = 8
    Delay = 842
    TTL = 53
Received from: 104.17.99.21
    Byte(s) = 8
    Delay = 594
    TTL = 53
Received from: 104.17.99.21
    Byte(s) = 8
    Delay = 399
    TTL = 53
Received from: 104.17.99.21
    Byte(s) = 8
    Delay = 532
    TTL = 53
Sent: 5 bytes (5 packets) received: 5 bytes (5 packets)
Packets Sent = 5, Packets Received = 5, Packets Lost = 0
```

Sending Packets to Europe (Germany) [www.dw.com]:

```
10-21-41-119:Socket Programming 3 ginajoerger$ chmod +x ./ICMP_Pinger.py
10-21-41-119:Socket Programming 3 ginajoerger$ sudo Python3 ./ICMP_Pinger.py
Pinging 95.101.205.22 using Python:

Received from: 95.101.205.22
    Byte(s) = 8
    Delay = 8414
    TTL = 47
Received from: 95.101.205.22
    Byte(s) = 8
    Delay = 8438
    TTL = 47
Received from: 95.101.205.22
    Byte(s) = 8
    Delay = 8462
    TTL = 47
Received from: 95.101.205.22
    Byte(s) = 8
    Delay = 8426
    TTL = 47
Received from: 95.101.205.22
    Byte(s) = 8
    Delay = 8654
    TTL = 47

Packets Sent = 5, Packets Received = 5, Packets Lost = 0
```

Sending Packets to Oceania (Australia) [www.australia.gov.au]:

```
10-21-41-119:Socket Programming 3 ginajoerger$ chmod +x ./ICMP_Pinger.py
10-21-41-119:Socket Programming 3 ginajoerger$ sudo Python3 ./ICMP_Pinger.py
Pinging 199.232.38.217 using Python:

Received from: 199.232.38.217
    Byte(s) = 8
    Delay = 337
    TTL = 49
Received from: 199.232.38.217
    Byte(s) = 8
    Delay = 597
    TTL = 49
Received from: 199.232.38.217
    Byte(s) = 8
    Delay = 471
    TTL = 49
Received from: 199.232.38.217
    Byte(s) = 8
    Delay = 411
    TTL = 49
Received from: 199.232.38.217
    Byte(s) = 8
    Delay = 408
    TTL = 49

Packets Sent = 5, Packets Received = 5, Packets Lost = 0
```