

Multicast Test	3
<i>iperf</i>	3

Multicast Test

iperf

iperf . iperf3

- Server side
- `iperf -B <multicast address> -su -i 1 -p <multicast port>`

```
iperf -B 228.0.0.4 -su -i 1 -p 45564
```

```
[root@host ~]# iperf -s -u -B 228.0.0.4 -i 1 -p 45564
```

```
-----
Server listening on UDP port 45564
Binding to local address 228.0.0.4
Joining multicast group 228.0.0.4
Receiving 1470 byte datagrams
UDP buffer size: 208 KByte (default)
-----
```

```
[ 3] local 228.0.0.4 port 45564 connected with 192.168.0.161 port 60183
[ ID] Interval          Transfer      Bandwidth      Jitter    Lost/Total
Datagrams
[ 3] 0.0- 1.0 sec      129 KBytes   1.06 Mbits/sec  0.028 ms    0/   90 (0%)
[ 3] 1.0- 2.0 sec      128 KBytes   1.05 Mbits/sec  0.018 ms    0/   89 (0%)
[ 3] 2.0- 3.0 sec      128 KBytes   1.05 Mbits/sec  0.037 ms    0/   89 (0%)
[ 3] 0.0- 3.0 sec      385 KBytes   1.05 Mbits/sec  0.037 ms    0/  268 (0%)
```

- Client side
- `iperf -c <multicast address> -u -T 32 -t 3 -i 1 -p <multicast port>`

```
iperf -c 228.0.0.4 -u -T 32 -t 3 -i 1 -p 45564
```

```
[root@host ~]# iperf -c 228.0.0.4 -u -T 32 -t 3 -i 1 -p 45564
```

```
-----
Client connecting to 228.0.0.4, UDP port 45564
Sending 1470 byte datagrams, IPG target: 11215.21 us (kalman adjust)
Setting multicast TTL to 32
UDP buffer size: 208 KByte (default)
-----
```

```
[ 3] local 192.168.0.161 port 60183 connected with 228.0.0.4 port 45564
[ ID] Interval          Transfer      Bandwidth
[ 3] 0.0- 1.0 sec      131 KBytes   1.07 Mbits/sec
[ 3] 1.0- 2.0 sec      128 KBytes   1.05 Mbits/sec
```

```
[ 3] 0.0- 3.0 sec 385 KBytes 1.05 Mbits/sec  
[ 3] Sent 268 datagrams
```

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