

Test Multicast Join

Jun 2017

We can test if our device can join a multicast using a tool called **iperf**. **iperf** is not installed by default, so you will have to add it by using:

```
yum install iperf
```

Once installed, you can use **iperf** to connect to a multicast stream by using the following syntax.

```
iperf -s -u -B 239.0.200.1 -p 10001 -i 1
```

Example output

```
-----
Server listening on UDP port 10001
Binding to local address 239.0.200.1
Joining multicast group 239.0.200.1
Receiving 1470 byte datagrams
UDP buffer size: 16.0 MByte (default)
-----
[ 3] local 239.0.200.1 port 10001 connected with 10.27.250.1 port 10000
[ ID] Interval      Transfer      Bandwidth      Jitter    Lost/Total Datagrams
[ 3] 0.0- 1.0 sec    775 KBytes    6.35 Mbits/sec 1472463338220.286 ms 1195888311/1195888914 (1e+02%)
[ 3] 0.0- 1.0 sec    595 datagrams received out-of-order
[ 3] 1.0- 2.0 sec    775 KBytes    6.35 Mbits/sec 1590510364122.785 ms   0/   0 (-nan%)
[ 3] 1.0- 2.0 sec    603 datagrams received out-of-order
[ 3] 2.0- 3.0 sec    775 KBytes    6.35 Mbits/sec 1477144115030.008 ms   0/   0 (-nan%)
[ 3] 2.0- 3.0 sec    603 datagrams received out-of-order
[ 3] 3.0- 4.0 sec    775 KBytes    6.35 Mbits/sec 1472946740641.257 ms   0/   0 (-nan%)
[ 3] 3.0- 4.0 sec    603 datagrams received out-of-order
[ 3] 4.0- 5.0 sec    775 KBytes    6.35 Mbits/sec 1264384362197.854 ms   6/   7 (86%)
```

From:

<http://cameraangle.co.uk/> - WalkerWiki - wiki.alanwalker.uk

Permanent link:

http://cameraangle.co.uk/doku.php?id=test_multicast_join

Last update: 2023/03/09 22:35

