

bullhorn ICD

Network

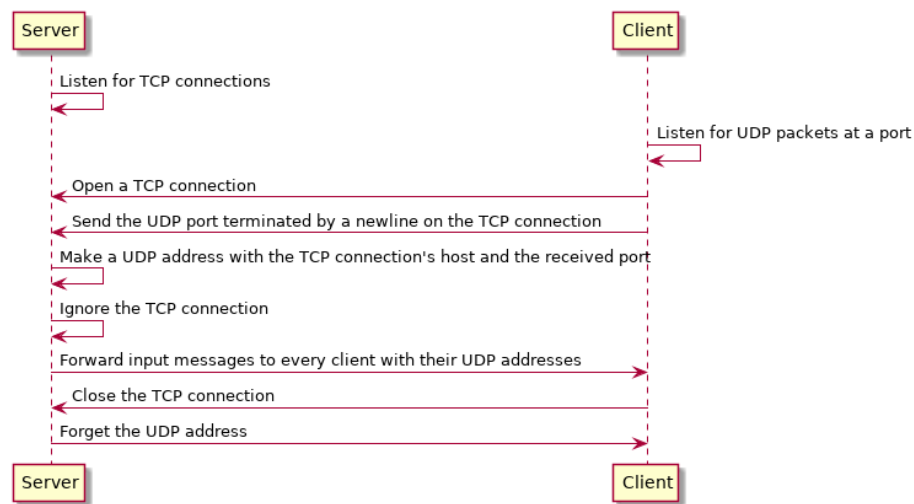


Figure 1: Sequence Diagram

Program

Server

```
./server --port <port>
```

Runs **server** which publishes newline-delimited messages from **STDIN** to subscribers received on **<port>**.

Client

```
./bclient --port <port> \
  --remote-host <remote_host> --remote-port <remote_port>
```

Runs **client** which prints messages to **STDOUT** published from the **server** running at the **<remote_host>** and **<remote_port>**.

Example

Machine 1 (192.168.1.50):

```
./server --port 5050
Machine 2 (192.168.1.80):
./client --port 8080 --remote-host 192.168.1.50 --remote-port 5050
Machine 3 (192.168.1.81):
./client --port 8081 --remote-host 192.168.1.50 --remote-port 5050
Machine 1 (192.168.1.50):
< message1
< message2
Machine 2 (192.168.1.80):
> message1
> message2
Machine 3 (192.168.1.81):
> message1
> message2
```