

# bullhorn ICD

## Network

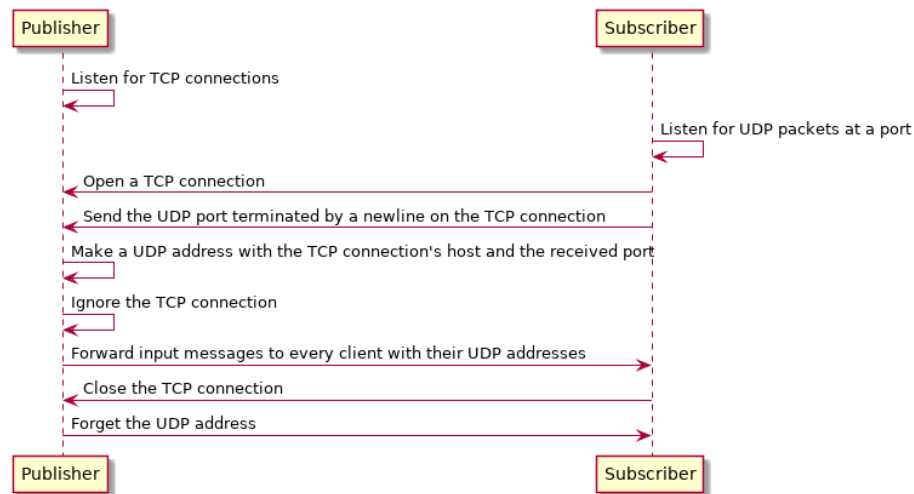


Figure 1: Sequence Diagram

## Program

### Publisher

```
./publish <port>
```

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

### Subscriber

```
./subscribe <port> <publish_host> <publish_port>
```

Runs `subscribe` which prints messages to `STDOUT` published from `publish` running at the `<publish_host>` and `<publish_port>`.

## Example

Machine 1 (192.168.1.50):

```
./publish 5050
```

Machine 2 (192.168.1.80):  
./subscribe 8080 192.168.1.50 5050  
Machine 3 (192.168.1.81):  
./subscribe 8081 192.168.1.50 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