It does not work without issues. For me the client continues to run and the local server waits for the connection without receiving the message and the number. For the AWS server I am using a Public IPv4 address that is accessed directly over the internet and is assigned to my network router through my ISP. My local client device has a private IP. This address lets devices on the same network communicate but make it more difficult for an external host to establish a connection. This is why it's easy to reach my server on AWS but not go in the other direction. To reach your server on a local network from an outside network you could use a VPN or possibly 3rd party software