Network Security Challenge 03

This is not the exercise sheet. This is just a description how to obtain it.

In the lecture network security, you need to obtain the exercises from our server. The server might not be very willing to hand out the exercises. They may be password protected or encrypted. Luckily, the server code was written by a highly caffeinated and sleep-deprived person. It is your task to obtain the exercises from the server.
It is advisable to have a Linux system at hand for the challenges. Our servers and clients are written in Python.

Challenge 3

Bob is a hacker and an oldfriend. He is slightly overweight and loves hearty dishes. Consequently he hosts a stash with pictures of the finest BeefTacos on his server `netsec.net.in.tum.de` at port 20003. Bob only wants to share the pictures with other oldfriends, so he requires that a connecting client offers a clean triforce upon arrival. Apparently, newfriends and summerfriends don't know how to triforce.

For further protection, Bob also wrote his own NIDS with an anomaly detection mechanism. To defend against DDoS and brute-force attacks, the NIDS resets any connection on which more than one byte per second is sent.

It is your task to proove to Bob that you're an oldfriend and acquire your personal share of BeefTacos (or exercise sheets). An ancient internet legend indicates that the triforce can be constructed from upward triangles[1] and spaces.

[1] `https://unicode-table.com/en/25B2/`