

Internet Engineering

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HTTP Practical HW

1.

With each request comes an IP address and the client IP addresses within the local or internal network are different from that of external clients (for instance, the local client addresses may all start with **192.168**). The server can check the incoming request's source IP addresses and only serve it if it lies in the local network.

2.

TLS Termination is a method of securing connections between hosts. This method involves encrypting the messages between servers and clients, and especially plaintext-based communications like HTTP can manipulate it. TLS proxy servers secure connections by creating an encrypted tunnel between the two peers and decrypting messages at the destiny.

3.

This project is created based on the pre-developed reverse proxy in the following repo:

<https://github.com/MollardMichael/python-reverse-proxy>