HTTP 1.1 VS HTTP2:-

First of all, HTTP is a Hyper Text Transfer Protocol which is used to transfer data between client and server. How it works is based on request and response of client and server. For example , client request a server for image and server responds to client via TCP connections. Now again client request for a text file and server keep responding and again client request a css file and server responds to it. Now let’s see how the versions do this jobs.

HTTP 1.1:-

CLIENT 3TCP CONNECTIONS SERVER



TEXT

IMAGE

TEXT

IMAGE

CSS

CSS

HTTP 2:-

CLIENT TCP CONNECTION SERVER



TEXT

IMAGE

TEXT

IMAGE

CSS

CSS

COMPRESSION:-

In http version 1 , the data’s are plain form it compressed using gzip. Whereas http version 2 compressed using Huffman coding where the data’s are encrypted and decrypted. Due to those compressions the security levels are also high in http version2.

CONCLUSION:-

* HTTP 2 had more time efficiency
* HTTP 2 has highest security
* HTTP 2 has binary protocol
* HTTP 1 has textual format