**…. HTTP/1.1 VS HTTP/2….**

**HTTP:** hypertext transfer protocol.

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| **S.NO** | **HTTP/1.1** | **HTTP/2** |
| **1** | **Http/1.1.which was created in1997** | **Http/2 which was created in 2015** |
| **2** | **It works on the textual format** | **It works on the binary protocal** |
| **3** | **there is head of line blocking all the requestsbehind it until it does’t get its all resources** | **It allows mulitiplexing so one TCPconnection is required for multiple requests** |
| **4** | **It use requests resource inlining for use getting multiple pages** | **It uses PUSH frame btserver that collects all multiple pages** |
| **5** | **It compares data by itself** | **It uses HPACK for data compression** |
| **6** | **These are the drawbacks that lead to the cration of HTTP/2 the first problem is HTTP/1.1. transfer all the requests & reponses in the plain text massage form** | **HTTP/2 was developd over the SPDY protocol it s works on fully multiplexed that is one TCP connection is used for multiple requests** |
| **7** | **These one is head of line blocking in which TCP connection is blocked all other requests** | **HTTP/2 used HPACK which is used to split data from header .it compresses the header.** |
| **8** | **All the file information realates to the header file is repeated in every request.** | **The server sends all the other files like CSS &JS without the request of the client using thePUSH frame.** |
| **9** | **HTTP/1.1 was the major version of HTTP network protocol used by the world wide web implementd across clients and servers** | **http/2 is the clear winner once the first few assets loadind over http/2 the following assets are loaded very quickly.** |
| **10** | **HTTP/1.1 pipelining allows more than one outstanding request it still doesn’tsolve the problem completely.** | **the main advantages of http/2 over http/1.1 as pulled their github page are.** |