**DIFFERENCE BETWEEN HTTP1.1 VS HTTP2**

| HTTP1.1 | HTTP2 |
| --- | --- |

1. HTTP1.1 loads resources one after 1. HTTP2 is able to use single TCP

the other , so if one resource cannot connection to send a multiply

be loaded it blocks all other resources streams of data at once so that no

behind it. resource blocked any other

resources.

2.HTTP1.1 is very slower and it loads 2. HTTP2 is much faster and more

Single request for every TCP reliable than HTTP1.1.it avoids

connection. By using multiplexing.

3.It works on the textual format 3. It works on Binary protocol.

4.It uses formats like gzip to compress 4. It uses HPACK compression to

the data transferred in the messages. decrease the average size of

header.

5.The flow control mechanism in HTTP1 5. It multiplexes the data streams utilizing

relies on the basic TCP connection. The same (one) tcp connection. So In

In beginning itself, both the machines this case both machines can

set their buffer sizes automatically. implement their flow control.

6.Both http1.1 and HTTP2 can use the 6. HTTP2 has made it a requirement to

same security mechanisms such as use a encryption, which promotes

SSL/TLS etc., improves security for data

transmission.