

## DIFFERENCE BETWEEN HTTP1.1 VS HTTP2

HTTP1.1	HTTP2
1. HTTP1.1 loads resources one after the other , so if one resource cannot be loaded it blocks all other resources behind it.	1. HTTP2 is able to use single TCP connection to send a multiply streams of data at once so that no resource blocked any other resources.
2.HTTP1.1 is very slower and it loads Single request for every TCP connection.	2. HTTP2 is much faster and more reliable than HTTP1.1.it avoids By using multiplexing.
3.It works on the textual format	3. It works on Binary protocol.
4.It uses formats like gzip to compress the data transferred in the messages.	4. It uses HPACK compression to decrease the average size of header.
5.The flow control mechanism in HTTP1 relies on the basic TCP connection. In beginning itself, both the machines set their buffer sizes automatically.	5. It multiplexes the data streams utilizing The same (one) tcp connection. So In this case both machines can implement their flow control.
6.Both http1.1 and HTTP2 can use the same security mechanisms such as SSL/TLS etc.,	6. HTTP2 has made it a requirement to use a encryption, which promotes improves security for data transmission.