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| **HTTP 1.1** | **HTTP 2** |
| 1.HTTP 1.1 loads resources one after the other so if one resource cannot be loaded it blocks all other resources behind it. | 1.HTTP 2 has ability to send multiple stream of data at once using single tcp connection so if one resource cannot be loaded it wont block other resources behind it to load. |
| 2.As resources are loaded one after the other HTTP 1.1 don’t allow prioritization in loading resources. | 2. There is weighted prioritization feature in HTTP 2 which allows developer to prioritize loading of resources of web page. |
| 3.In HTTP 1.1 server serves content to client device only when clients ask for it. | 3.HTTP 2 allows server to push content to client device before client asks for it. |
| 4.HTTP 1.1 compress HTTP message to make them smaller which increases speed of web performance. | 4.HTTP 2 uses more advance method to compress HTTP message called HPACK that eloiminates redundant information HTTP header packet. |
| 5.HTTP 1.1 keeps all request and responses in plain text format. | 5.HTTP 2 encapsulates all messages in binary format which allows HTTP 2 to try new approaches to data delivery. |
| 6.HTTP 1.1 rely on transport layer to avoid buffer overflow, it allows flow control on only either side. | 6.HTTP 2 allows both client and server to implement their own flow control. |