

# DIFFERENCE BETWEEN HTTP1.1 AND HTTP2

09 August 2022 20:06

## 1. ABOUT HTTP1.1

- It was no longer required for each connection to be terminated immediately after every request was served with a response
- http/1.1 has been around for more than a decade.
- Its take much time to the load page as compared to http/2
- Http/1.1 provided support for chunk transfers that allowed streaming of content dynamically
- Pipelining (that second request sent before the response to the first is adequate served)
- Cache control(used to specify caching policies in both requests and response)

## 2. ABOUT HTTP/2

- Its introduced the concept of a server push where the server anticipates the resources that will be required by the client.
- Introduced the concept of multiplexing that

interleaves the requests and response without head of line blocking and does so over a single TCP connection.

- It is binary protocol i.e. Only commands in the form of 0s and 1s are transmitted over the wire.
- Http/2 is much faster and more reliable than http/1.1
- Http/2 uses HPACK header compression algorithm that is resilient to attack like CRIME and utilizes static Huffman encoding.