Differences between HTTP/1.1 and HTTP/2.0

1. HTTP/1.1 Browsers use 1 TCP connection for one request and response and at most we can use 6 TCP connections for multiple requests and responses ( TCP can't be used for other request until the response is delivered)

HTTP/2 uses 1 TCP with stream IDs for multiplexing requests and responses. single TCP accepts the multiple requests and assign stream ID's and provide responses to the same stream ID's at a time.

2. HTTP/1.1 don't compress the Headers

HTTP/2 compress the Headers.

3. HTTP/1.1 doesn't have a server push option.

HTTP/2 has a server push which sends the mandatory files with a single request of file.

4. HTTP/1.1 is less secure than HTTP/2, HTTP/2is secure by default.

5. HTTP/1.1 is slow compared to HTTP/2.0, HTTP/2 uses multiplexing.

6. HTTP/1.1 keeps all requests and responses in plain text format whereas HTTP/2 uses the binary framing layer to encapsulate all messages in binary format.