**Difference between HTTP 1.1 vs HTTP 2**

**HTTP 1.1**

1. HTTP 1.1 works on textual format.
2. It can support connection reuse. Multiple requests can be sent over a single TCP connection. But there is head-of-line blocking which prevents later sent requests to receive responses until the previous requests receive all the information.
3. It uses resource Inlining to get multiple pages.
4. It can compress data by itself.
5. Network congestion is a risk due to connection reuse and pipelining.
6. It uses digest authentication, NTLM authentication for security purposes.

**HTTP 2**

1. HTTP 2 works on binary framing layer, i.e. converts all messages to binary format.
2. It allows multiplexing so that many requests can be sent at the same time and receive responses.
3. It uses PUSH frame from server so that the server sends additional files which may be required by the client.
4. It uses HPACK to compress data.
5. It utilizes multiplexing and server push to reduce page load time and network delays.
6. HTTP 2 has become more secure by introducing new TLS features.