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| **Differentiation** | **HTTP1** | **HTTP2** |
| Key Features | HTTP1 uses TCP/IP Model in which for every one request one response will be received from server | HTTP2 uses multiplexing mechanism in which the client can send multiple requests and receive multiple responses |
| Status Code | HTTP1 has 16 status codes which is not enough | These have multiple status error codes with a particular meanings |
| Authentication | HTTP1 is very less secured because it transfers user name and password as human understandable language | HTTP2 uses TLS feature to convert the user name and password to not understandable by human |
| Caching | It provides caching using If modified Since mechanism | It also uses same mechanism but if the resources are already present in cache it cancels the pushed stream |
| Web Traffic | HTTP1 runs slowly because TCP/IP is very slow, the connection reuse, pipelining increases the network congestion | The web Traffic is very less because it uses the multiplexing mechanism |