HTTP Post is used by the browser to report form data when the user submits a form. This sequence diagram illustrates the flow of a typical HTTP Post. The sequence of actions is:
- The user fills a form and clicks on the submit button.
- The web browser establishes a TCP connection with the web server.
- The web browser sends an HTTP POST.
- The web server responds with "HTTP 200 OK" to indicate that the post has been accepted.
- The web browser displays the return page to the user.
- The user closes the browser.
- The browser releases the TCP connection.

POST /form.htm HTTP/1.1
Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, application/x-shockwave-flash, application/vnd.ms-excel, application/vnd.ms-powerpoint, application/msword, /
Referer: http://www.anydomain.com/FillForm.htm
Accept-Language: en-us
Content-Type: multipart/form-data; boundary=---------------------------8d547442c03ba
Accept-Encoding: gzip, deflate
User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; .NET CLR 1.1.4322)
Host: anydomain.com
Content-Length: 2156
Connection: Keep-Alive
Cache-Control: no-cache

-----------------------------8d547442c03ba
<Form data goes here>
-----------------------------8d547442c03ba--

HTTP/1.1 200 OK
Date: Sat, 03 Dec 2005 11:25:07 GMT
Server: Apache/2.0.52 (Fedora)
Last-Modified: Sat, 03 Dec 2005 10:23:07 GMT
ETag: "2b8b2-150-857bb381"
Accept-Ranges: bytes
Content-Length: 416
Keep-Alive: timeout=10, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=ISO-8859-1

Thank You for your submission
TCP (ACK)

Web browser sends a TCP ack for the TCP segment containing "HTTP 200 OK".

TCP (FIN)

Web Browser initiates the TCP connection release.

TCP (ACK)

TCP (FIN)

Web server initiates TCP connection release.

TCP (ACK)