Request

```
GET /geoipservice.asmx HTTP/1.1
Host: www.webservicex.net
X-Target-URI: http://www.webservicex.net
Connection: Keep-Alive
```

Request description :

- GET is the verb or the method our client sent to the origin server, followed by the resource, then the query, and the last part is the protocol/version.
- Host: The domain name part of the request URL
- Connection: used for conectoin between machine to another, not a client to a server.
- User-Agent: This header let the server know what kind of software is making the HTTP request.

Response

```
HTTP/1.1 200 OK
X-AspNet-Version: 4.0.30319
Date: Sat, 13 Feb 2016 12:24:08 GMT
Content-Length: 4320
Connection: keep-alive
Content-Type: text/html; charset=utf-8
X-Powered-By: ASP.NET
Server: Microsoft-IIS/7.0
Cache-Control: private, max-age=0
```

Response description:

- HTTP/1.1 200 OK: the status code, or the response code
- Date: the date and time for the responses
- Content length in byte
- Connection: used for connection between machine to another, not a client to a server.
- Content-Type: This is the most famous and probably the most important header; gives the media type of the entity body.
- X-Powered-By is the server environment I guess.
- Cache-Control: Spells out the rules of how the data should be cached and when it should be dumped.

Resources:

https://developer.mozilla.org/en-US/docs/Web/HTTP/X-Frame-Options

http://docs.telerik.com/fiddler/KnowledgeBase/VaryResponseHeader

https://www.owasp.org/index.php/List_of_useful_HTTP_headers