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HTTP-message = Request | Response ; HTTP/1.1 messages

generic-message = start-line
                  *(message-header CRLF)
                  CRLF
                  [ message-body ]
start-line      = Request-Line | Status-Line

message-header = field-name ":" [ field-value ]
field-name     = token
field-value    = *( field-content | LWS )
field-content  = <the OCTETs making up the field-value
                  and consisting of either *TEXT or combinations
                  of token, separators, and quoted-string>

message-body = entity-body
              | <entity-body encoded as per Transfer-Encoding>

general-header = Cache-Control ; Section 14.9
                | Connection ; Section 14.10
                | Date ; Section 14.18
                | Pragma ; Section 14.32
                | Trailer ; Section 14.40
                | Transfer-Encoding ; Section 14.41
                | Upgrade ; Section 14.42
                | Via ; Section 14.45
                | Warning ; Section 14.46

Method = "OPTIONS" ; Section 9.2
        | "GET" ; Section 9.3
        | "HEAD" ; Section 9.4
        | "POST" ; Section 9.5
        | "PUT" ; Section 9.6
        | "DELETE" ; Section 9.7
        | "TRACE" ; Section 9.8
        | "CONNECT" ; Section 9.9
        | extension-method
extension-method = token

Request = Request-Line ; Section 5.1
         *( ( general-header ; Section 4.5
             | request-header ; Section 5.3
             | entity-header ) CRLF) ; Section 7.1
```

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                                CRLF
                                [ message-body ]           ; Section 4.3

Request-Line = Method SP Request-URI SP HTTP-Version CRLF

Request-URI   = "*" | absoluteURI | abs_path | authority

request-header = Accept                ; Section 14.1
                | Accept-Charset       ; Section 14.2
                | Accept-Encoding      ; Section 14.3
                | Accept-Language      ; Section 14.4
                | Authorization        ; Section 14.8
                | Expect               ; Section 14.20
                | From                 ; Section 14.22
                | Host                 ; Section 14.23
                | If-Match             ; Section 14.24
                | If-Modified-Since   ; Section 14.25
                | If-None-Match       ; Section 14.26
                | If-Range             ; Section 14.27
                | If-Unmodified-Since ; Section 14.28
                | Max-Forwards        ; Section 14.31
                | Proxy-Authorization ; Section 14.34
                | Range                ; Section 14.35
                | Referer              ; Section 14.36
                | TE                   ; Section 14.39
                | User-Agent           ; Section 14.43

media-type = type "/" subtype *( ";" parameter )
type       = token
subtype    = token

```

SERVER RESPONSES

```

Response = Status-Line                ; Section 6.1
          *( ( general-header         ; Section 4.5
              | response-header      ; Section 6.2
              | entity-header ) CRLF) ; Section 7.1
          CRLF
          [ message-body ]           ; Section 7.2

response-header = Accept-Ranges        ; Section 14.5
                 | Age                 ; Section 14.6
                 | ETag                 ; Section 14.19
                 | Location              ; Section 14.30
                 | Proxy-Authenticate  ; Section 14.33
                 | Retry-After          ; Section 14.37
                 | Server                ; Section 14.38
                 | Vary                 ; Section 14.44
                 | WWW-Authenticate    ; Section 14.47

entity-header = Allow                  ; Section 14.7

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Content-Encoding	;	Section 14.11
Content-Language	;	Section 14.12
Content-Length	;	Section 14.13
Content-Location	;	Section 14.14
Content-MD5	;	Section 14.15
Content-Range	;	Section 14.16
Content-Type	;	Section 14.17
Expires	;	Section 14.21
Last-Modified	;	Section 14.29
extension-header		

extension-header = message-header

Entity Body

entity-body = *OCTET

entity-body := Content-Encoding(Content-Type(data))

Accept header field

Accept = "Accept" ":"
#(media-range [accept-params])

media-range = ("*"/*"
| (type "/" "*")
| (type "/" subtype)
)* (";" parameter)

accept-params = ";" "q" "=" qvalue *(accept-extension)

accept-extension = ";" token ["=" (token | quoted-string)]